

**IMPLEMENTATION REPORT FOR THE EUROPEAN TERRITORIAL
COOPERATION GOAL
PART A**

IDENTIFICATION OF THE ANNUAL IMPLEMENTATION REPORT

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2. OVERVIEW OF THE IMPLEMENTATION OF THE COOPERATION PROGRAMME (Article 50(2) of Regulation (EU) No 1303/2013 and Article 14(3)(a) of Regulation (EU) No 1299/2013)

Key information on the implementation of the cooperation programme for the year concerned, including on financial instruments, with relation to the financial and indicator data.

The year 2022 was a very intensive year for the Programme authorities. In parallel to the preparations for the new VIB Programme, relating to the finalisation of the text of the Programme as well as the fulfilment of all the regulatory requirements and the practical launch of calls for proposals, NWE authorities were heavily involved in the final implementation phase of the VB Programme. The main focus was to ensure that the Programme delivers its Specific Objectives as well as minimises the impact of the Brexit, Covid-19 pandemic as well as the general inflation, Covid-19 mitigation measures being most important.

The Programme continued to apply the approach to date, providing the implemented projects additional time to finalise their activities and achieve the expected objectives and results. Knowing that all VB projects must be finalised before 31st December 2023 (including the administrative project closure), the time extensions allowed by the Programme needed to be reasonable and ensure the feasibility of full project delivery. Without the extra time granted, the activities of the vast majority of NWE projects would have been questioned and results limited, which would influence the Programme results in a negative way.

Apart from providing additional time for implementation, the Programme authorities granted additional ERDF funding to projects that have requested it to continue their activities beyond their initial timeframes. In addition to the block ERDF extensions that already took place in 2020 as the first Covid-19 mitigation measure, in 2022 8 NWE projects benefitted from extra funding and received the total of 1,386,006 EUR ERDF on top of their initial ERDF grants. The requests were duly justified and were related, in the vast majority of cases, to modifications due to Covid-19 pandemic, and linked to delayed testing in project pilots, supply chain issues and delays, additional equipment or extra data analyses required to finalize projects.

Moreover, the year 2022 was particularly intensive due to many VB projects being administratively closed. By the end of 2022, the Programme has closed 22 projects for the total ERDF amount of 70,555,974 EUR.

Furthermore, within the capitalisation initiative and as part of the capitalisation strategy, the Programme launched a video series “NWE making an impact” promoting successful project stories. The first video was dedicated to the Smart track 4 Waterway (ST4W), a project delivering a management solution for shipment by inland waterway transport, fostering a modal shift from road to waterways (<https://www.nweurope.eu/programme-2014-2020/nwe-making-an-impact/decarbonising-deliveries-with-smart-track-4-waterway/>).

Last but not least, it should be noted that in 2022, the Programme released 3 issues of the NWE newsletter, featuring articles on five of the most successful and impactful projects <https://www.nweurope.eu/programme-2014-2020/nwe-making-an-impact/>.

The Programme authorities have also noted a strong increase in the number of social media followers (NWE LinkedIn and Twitter accounts). The Programme’s YouTube channel <https://www.youtube.com/@interregnwe> has also served the purpose of bringing the NWE closer to public at large. It contains video material for all the communication highlights mentioned above and below.

It should also be noted that, in 2022 the 23rd Monitoring Committee meeting took place in Saarbrücken, Germany, on 14th September 2022. The Committee discussed the results of the Programme audit campaigns,

the monitoring process of the financial and thematic Programme delivery, the project implementation issues and solutions applied as well as the Programme modification and rules concerning the Programme closure.

The third Programme modification was submitted to the European Commission on 23rd November 2022, covering a revised set of targets for common output indicators and a minor budget reallocation among Programme Priorities. On 21st December 2023 the European Commission informed the Programme that the revised modification could not be approved due to late submission. Furthermore, the proposed budget reallocation was relatively small and a comprehensive realignment of indicator targets was not considered as necessary. In line with the recommendations made by the Commission for the latter, the Programme MC agreed to explain the deviations from initial indicator targets in the final NWE implementation report. Due to the intensity of preparations for the new post 2020 programme and all the issues faced in the implementation VB projects due to the Covid-19 pandemic as well as the JS assistance required in this process, an earlier submission of the Programme modification was not possible.

As far as the post 2020 programming period is concerned, the year 2022 brought the practical launch of the VIB Programme and the introduction of the online community platform to support the beneficiaries in the application process (February 2022). The tool helps the organisations to register in the NWE community, find project partners, browse existing project ideas and join partnerships that are being created or submit new project ideas to the community.

The “Destination NWE – Take off for call 1!” online event took place on 31st March 2022 and attracted almost 650 participants. The agenda of the event covered the thematic NWE scope, the practical aspects concerning the structure of the desired projects and partnerships, features of successful projects as well as the call timeline and details of the application process.

The NWE Project Ideas Forum took place on 29th November 2022 in Düsseldorf. This networking event welcomed over 250 participants and highlighted the territorial challenges of the Programme territory. Through the 6 thematic sessions, the participants gained knowledge about the thematic programme scope and requirements and participated in the selection of 52 project idea meet-ups and coaching sessions, focusing on project ideas submitted to the Programme via the NWE community platform. The event was followed by numerous national and regional promotional events organised by the Programme Contact Points in the NWE Member States, in both live and online formats.

The first call for proposals of the NWE Programme (step 1 of the application process) was open on 1st February 2022 and closed on 15th June 2022. The call was open to all programme priorities and Specific Objectives (SOs). In total, 76 applications, involving 649 project partners, were received. 34 of those projects were approved in step 1 by the first Programme Monitoring Committee in Saarbrücken on 15th September 2022. 32 projects submitted their step 2 applications by the deadline of 15th December 2022 and 14 of them were approved in the second Programme Monitoring Committee held in Strasbourg on 22nd and 23rd March 2023.

The NWE call 2 was opened on 14th November 2022 and was closed on 9th February 2023. It led to 76 submitted applications.

3. IMPLEMENTATION OF THE PRIORITY AXIS

3.1 Overview of the implementation

ID	Priority axis	Key information on the implementation of the priority axis with reference to key developments, significant problems and steps taken to address these problems
1	INNOVATION	<p>By end 2022, 7 Priority 1 projects were completed, in the following thematic categories:</p> <ol style="list-style-type: none"> 1. Stimulating international growth and innovation capacity of SMEs in several sectors (life science, infrastructure, environment, biotechnology), increasing Technology Readiness Levels and testing new technological solutions – projects BE-GOOD, BioBase4SME, COTEMACO, QCAP, ASPECT. 2. Social innovation: <ul style="list-style-type: none"> o Empowering the people Not in Education, Employment or Training (NEETs) aged 15-34 years old, using the regular entrepreneurship and employment support schemes offered by the NWE cities for (re)entry into the NWE labour market (EYES project) o Establishment of Community Land Trusts (CLTs) in NWE cities as democratic community-led organisations taking an innovative approach to developing and managing homes that are affordable to low and median income households and remain permanently affordable, thereby creating sustainable, cohesive and thriving neighbourhoods (SHICC).
2	LOW CARBON	<p>By the end of this reporting period, 9 projects were finalised by the Programme:</p> <ol style="list-style-type: none"> 1. Under SO2: <ul style="list-style-type: none"> - E=0 created sustainable markets for net zero energy retrofits across NWE - HeatNet NWE increased the installed heating capacity of District Heating and Cooling (DHC) networks and the provision of affordable warmth by accelerating transition to 4DHC in NWE urban areas - ACE-RETROFITTING facilitated the application of retrofitting measures in condominium building blocks - cVPP increased the number of communities that use cVPPs (Community-based Virtual Power Plants) as a strategy to facilitate upscaling of low-carbon energy community-driven initiatives that miss critical mass to scale up their distributed renewable infrastructure 2. Under SO3: <ul style="list-style-type: none"> - FORESEA implemented a framework to support the progression of innovative ocean energy technology - PowerVIBES facilitated the replacement of diesel generators in open-air festivals by units that only use renewable resources (wind and sun) to provide safe, highly reliable, and cost-effective energy. 3. Under SO4: <ul style="list-style-type: none"> - CHIPS developed existing and planned bicycle highways into a high quality, transnational mobility network used commuters as their best transport option.

ID	Priority axis	Key information on the implementation of the priority axis with reference to key developments, significant problems and steps taken to address these problems
3	RESOURCE MATERIALS EFFICIENCY AND	<p>By the end of the year 2022, six Priority 3 projects were closed by the Programme. They can be divided into the following thematic areas:</p> <ol style="list-style-type: none"> 1. Construction materials <ul style="list-style-type: none"> - AFTB project addressed the wasteful and harmful use of toxic adhesives in the manufacturing of Engineered Wood Products (EWPs) by the construction industry and demonstrated new technology of wood compression - SeRaMCo increased the use of construction and demolition waste (concrete, bricks, tiles, ceramics) as recycled raw materials for cement and concrete production in NWE. 2. Textiles <ul style="list-style-type: none"> - FIBERSORT demonstrated a fiber sorting technology able to tackle large volumes of mixed post-consumer textiles based on material composition. 3. Food waste <ul style="list-style-type: none"> - Food Heroes - reduction of food losses and waste at the beginning of the food chain, from production to processing in the fish, plant and animal production 4. Waste water processing <ul style="list-style-type: none"> - Phos4You focused on phosphorus recovery from municipal waste water to guarantee food security in NWE by reducing the NWE's dependence on the imported phosphorus rock. The project demonstrated the use of secondary raw phosphorus in bio-fertilizers. 5. Landfill management <ul style="list-style-type: none"> - RAWFILL provided knowledge and tools to screen landfills and tested, in real-life conditions, standardised methodology to recover large amounts of dormant raw materials, energy carriers and land resources.
4	TECHNICAL ASSISTANCE	<p>In this reporting period and as far as the VB Programme is concerned, the JS continued to monitor project implementation. Two rounds of progress reports and payment claims submitted by beneficiaries were processed as well as the project final appraisals delivered 6 months prior to closure. The final project appraisals, as they breach the gap between the regular project monitoring and evaluation, became a very important tool in the ongoing impact evaluation of the Programme launched in 2022. The JS also continued to focus on the regular Programme monitoring and management. It should be noted that preparation for the new programming period remained a major part of the JS activities in the 2022, including not only the finalisation of the thematic text of the new programme, but also the procedures to be put in place (Programme Manual), the monitoring system for the new programme as well as the broader DNSH analysis of the Programme. As far as the JEMS system (Joint Electronic Monitoring System) is concerned, even though it is implemented by Interact, NWE plays a major</p>

ID	Priority axis	Key information on the implementation of the priority axis with reference to key developments, significant problems and steps taken to address these problems
		<p>role in the preparations and extensive user testing and feedback provision.</p> <p>Last but not least, the JS organised events relating to the launch of the new Programme as well as ensured the launch of the online community platform to support the applicants to the new Programme and wide social media coverage. Finally, a video series “NWE making an impact” promoting successful VB project stories was produced with the first project featured.</p> <p>The CP network activities focused mainly on the support for projects applying for the new programme funding in the first two calls for applications and assistance in project implementation, accompanying the JS in this process.</p>

3.2 Common and programme specific indicators (Article 50(2) of Regulation (EU) No 1303/2013)

Priority axes other than technical assistance

Priority axis	1 - INNOVATION
Investment priority	1b - Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector, in particular promoting investment in product and service development, technology transfer, social innovation, eco-innovation, public service applications, demand stimulation, networking, clusters and open innovation through smart specialisation, and supporting technological and applied research, pilot lines, early product validation actions, advanced manufacturing capabilities and first production, in particular in key enabling technologies and diffusion of general purpose technologies, as well as fostering investment necessary for strengthening the crisis response capacities in health services

Table 2: Common and programme specific output indicators - 1.1b

(1)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	CO01	Productive investment: Number of enterprises receiving support	Enterprises	540.00	2,255.00	Total output indicator contributions for ongoing (not completed) operations. The high value for this indicator is due to several projects focusing on generic business support and hence involving many companies through generic type of support provided than initially anticipated (nevertheless aligned with the definition for CO01 provided by the European Commission and applied by the Programme). The Programme initially estimated 20 companies supported per project approved, some projects however provide support to more than 20 enterprises, which leads to high output values and an overachievement.
S	CO01	Productive investment: Number of enterprises receiving support	Enterprises	540.00	2,909.00	The high value for this indicator is due to several projects focusing on generic business support and involving many companies through more generic type of support than initially anticipated (still aligned with the definition for CO01 provided by the European Commission and applied by the Programme). The Programme initially estimated 20 companies supported per project approved, some projects however provide support to more, which leads to high output values.
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	540.00	451.00	Total output indicator contributions for ongoing (not completed) operations (partially achieved output values). VR4REHAB contributed 126 - the project develops rehabilitation protocols for patients with musculoskeletal system and neurodisability, requiring high involvement of and co-creation between SMEs, rehabilitation clinics and universities.
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	540.00	493.00	In the programming phase the NWE authorities counted 20 companies per project (x27 projects=540). The value for the selected projects is higher than the target due to the high value of VR4REHAB explained above.
F	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	Enterprises	340.00	785.00	Total output indicator contributions for ongoing (not completed) operations (partially achieved output values). B4H contributed 546, due to delivered generic business support. The high value for this indicator is due to several projects focusing on generic business support for companies (nevertheless aligned with the definition for CO01 provided by the European Commission and applied by the Programme). The Programme initially estimated 20 companies supported per project approved, some projects however provide support to more than 20 enterprises, which leads to high output values and an overachievement when compared to the Programme targets.
S	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	Enterprises	340.00	801.00	The high value for this indicator is due to several projects focusing on generic business support projects, which leads to high numbers of companies supported by the Programme (when aggregated).
F	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	Enterprises	200.00	286.00	In the programming phase the NWE authorities counted 20 companies per project (x27 projects=540). The value for the selected projects is higher than the target due to the high value of projects HappyMoo (47), SuNSE (57), ValuSect (45).
S	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	Enterprises	200.00	731.00	The high value for this indicator is due to several projects focusing on generic business support.
F	1.01	Number of new or enhanced transnational clusters or innovation networks	No. of clusters and innovation networks	27.00	72.00	Total output indicator contributions for ongoing (not completed) operations.
S	1.01	Number of new or enhanced transnational clusters or innovation networks	No. of clusters and innovation networks	27.00	81.00	In the programming phase, the Programme authorities did not realise that SO1 projects could contribute to this indicator and CO01 simultaneously (indicator related to the enterprises receiving support). When setting the Programme targets, the projects creating networks only (soft projects) were counted under 1.01 and not the projects contributing to CO01 as a principle, also setting up business support networks. This is why the initial target has been exceeded by the Programme.
F	1.02	Number of technologies, products, services and processes developed and tested in real life conditions	No. of solutions tested	68.00	288.00	Total output indicator contributions for ongoing (not completed) operations. Projects BE-GOOD and ASPECT delivered 17 each, BioBase4SME:18.
S	1.02	Number of technologies, products, services and processes developed and tested in real life conditions	No. of solutions tested	68.00	491.00	In the programming period, the NWE authorities counted 17 projects x 4 technologies/products/services/processes per project = 68 in total. However, some of the approved projects exceeded the value of 4. Those are projects focusing on value chain development or waste stream valorization and/or development and testing of several processes and/or products simultaneously.
F	1.03	Number of pilot actions implemented, focusing on social innovation	No. of actions	30.00	67.00	Total output indicator contributions for ongoing (not completed) operations. As the social innovation projects were approved fairly late in the Programme calls, their implementation and hence values for indicators are pending to be reported.
S	1.03	Number of pilot actions implemented, focusing on social innovation	No. of actions	30.00	207.00	In the programming phase, the NWE authorities counted 10 projects leading to 3 pilot actions each (=30). Many approved projects' targets exceeded this value. In particular UNEET has a high value, due to 126 microinitiatives benefiting 750 individual end-users – people not in training, education or employment. The project was however prematurely closed (nevertheless its targets remain in the Programme framework).
F	1.04	Number of jobs created in all economic sectors	No. of jobs	860.00	780.80	Total output indicator contributions for ongoing (not completed) operations (partially achieved output values). A particularly high contribution has been noted from the B4H and MATMED projects.
S	1.04	Number of jobs created in all economic sectors	No. of jobs	860.00	687.00	The project contribution to job creation and maintenance will not be as significant as initially anticipated. It is not a primary goal of the projects or the Programme.
F	1.05	Number of jobs maintained in all economic sectors	No. of jobs	860.00	248.00	Total output indicator contributions for ongoing (not completed) operations. Output contributions from individual projects are expected at their end (many projects finishing in the second half of 2023).
S	1.05	Number of jobs maintained in all economic sectors	No. of jobs	860.00	1,398.00	The value is higher than originally anticipated. In the programming phase the NWE authorities counted 43 projects x 20 jobs (=860). Only 6 social innovation projects have been approved by the Programme, two representing values that are lower than expected. However the project COTEMACO (leading to 1250 jobs maintained) is working with many SMEs to avoid relocation and subsequent loss of jobs as

(1)	ID	Indicator	Measurement unit	Target value	2022	Observations
						well as an increase of turnover and revenues due to flexible and more efficient production processes being delivered (assessed in at least 10% increase of an average of €10M turnover/SME, equal to €1M/SME).
F	1.06	Amount of funding leveraged by the project (in €)	EUR	222,000,000.00	16,452,586.00	Total output indicator contributions for ongoing (not completed) operations (partially achieved output values). The amount of funding leveraged by the projects will not be as significant as initially anticipated and will be achieved upon the completion of projects.
S	1.06	Amount of funding leveraged by the project (in €)	EUR	222,000,000.00	41,732,000.00	The amount of funding leveraged by the projects will not be as significant as initially anticipated.
F	1.07	Number of end-users benefitting from social innovation	No. of end-users	600.00	135,561.00	The value is high mainly due to the substantial impact of the eMEN project (testing solutions for the public at large in the domain of mental health).
S	1.07	Number of end-users benefitting from social innovation	No. of end-users	600.00	55,480.00	In the programming phase, the NWE authorities counted 10 projects leading to 3 pilot actions each, having an impact on 20 end-users each. All approved projects exceeded this value. eMEN has a very high contribution (52,000 end-users targetted - and over 135,500 benefiting from the project in real life conditions).

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	CO01	Productive investment: Number of enterprises receiving support	1,752.00	683.00	562.00	472.00	0.00	0.00	0.00	0.00
S	CO01	Productive investment: Number of enterprises receiving support	2,909.00	2,786.00	2,611.00	2,396.00	964.00	604.00	0.00	0.00
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	397.00	252.00	198.00	131.00	0.00	0.00	0.00	0.00
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	493.00	464.00	403.00	319.00	214.00	11.00	0.00	0.00
F	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	669.00	546.00	465.00	367.00	0.00	0.00	0.00	0.00
S	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	801.00	795.00	743.00	639.00	502.00	472.00	0.00	0.00
F	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	216.00	176.00	170.00	33.00	0.00	0.00	0.00	0.00
S	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	731.00	725.00	655.00	552.00	90.00	9.00	0.00	0.00
F	1.01	Number of new or enhanced transnational clusters or innovation networks	49.00	8.00	8.00	3.00	0.00	0.00	0.00	0.00
S	1.01	Number of new or enhanced transnational clusters or innovation networks	81.00	71.00	66.00	45.00	17.00	2.00	0.00	0.00
F	1.02	Number of technologies, products, services and processes developed and tested in real life conditions	175.00	73.00	46.00	33.00	0.00	0.00	0.00	0.00
S	1.02	Number of technologies, products, services and processes developed and tested in real life conditions	491.00	463.00	392.00	238.00	79.00	47.00	0.00	0.00
F	1.03	Number of pilot actions implemented, focusing on social innovation	35.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00
S	1.03	Number of pilot actions implemented, focusing on social innovation	207.00	207.00	203.00	180.00	41.00	29.00	0.00	0.00
F	1.04	Number of jobs created in all economic sectors	643.00	551.00	243.00	133.00	0.00	0.00	0.00	0.00
S	1.04	Number of jobs created in all economic sectors	637.00	599.00	518.00	273.00	115.00	115.00	0.00	0.00
F	1.05	Number of jobs maintained in all economic sectors	121.00	5.00	5.00	1.00	0.00	0.00	0.00	0.00
S	1.05	Number of jobs maintained in all economic sectors	1,398.00	1,398.00	1,341.00	1,330.00	50.00	50.00	0.00	0.00
F	1.06	Amount of funding leveraged by the project (in €)	2,469,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	1.06	Amount of funding leveraged by the project (in €)	41,732,000.00	41,732,000.00	24,732,000.00	13,000,000.00	0.00	0.00	0.00	0.00
F	1.07	Number of end-users benefitting from social innovation	27,143.00	172.00	48.00	31.00	0.00	0.00	0.00	0.00
S	1.07	Number of end-users benefitting from social innovation	55,480.00	55,080.00	55,080.00	54,780.00	52,730.00	52,000.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

Priority axis	1 - INNOVATION
Investment priority	1b - Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector, in particular promoting investment in product and service development, technology transfer, social innovation, eco-innovation, public service applications, demand stimulation, networking, clusters and open innovation through smart specialisation, and supporting technological and applied research, pilot lines, early product validation actions, advanced manufacturing capabilities and first production, in particular in key enabling technologies and diffusion of general purpose technologies, as well as fostering investment necessary for strengthening the crisis response capacities in health services
Specific objective	SO1 - To enhance innovation performance of enterprises throughout NWE regions

Table 1: Result indicators - 1.1b.SO1

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
R1	Degree of SME involvement in collaboration with other institutions (including R&D)	Percentage	15.00	2014	20.00	15.00		The implementation evaluation carried out by the Programme in 2018 did not include progress of the result indicators. It will however be part of the impact evaluation planned for 2022.

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
R1	Degree of SME involvement in collaboration with other institutions (including R&D)	15.00		15.00		15.00		15.00	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
R1	Degree of SME involvement in collaboration with other institutions (including R&D)	15.00		15.00		15.00		15.00	

Priority axis	2 - LOW CARBON
Investment priority	4e - Promoting low-carbon strategies for all types of territories, in particular for urban areas, including the promotion of sustainable multimodal urban mobility and mitigation-relevant adaptation measures

Table 2: Common and programme specific output indicators - 2.4e

(I)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	CO31	Energy efficiency: Number of households with improved energy consumption classification	Households	450.00	7,444.00	Total output indicator contributions for ongoing (not completed) operations. Values for projects ACE-Retrofitting and CAN are particularly high due to large investments and large-scale retrofits of condominiums and social housing and private homes. Their output contributions to the Programme indicator CO31 are therefore much more substantial than anticipated by the Programme. They are however aligned with the European Commission's definition for CO31.
S	CO31	Energy efficiency: Number of households with improved energy consumption classification	Households	450.00	7,679.00	Several project values are high due to large investments and large-scale retrofits of condominiums and social housing and private homes (e.g. ACE-Retrofitting, CAN). Their output contributions to the Programme indicator CO31 are therefore much more substantial than anticipated by the Programme. They are however aligned with the European Commission's definition for CO31.
F	CO32	Energy efficiency: Decrease of annual primary energy consumption of public buildings	kWh/year	300,000.00	979.95	Only three projects contribute to this indicator (E=0, ENERGE, MUSTBE0). The programme initially anticipated 10 projects contributing to this indicator. This is why the value is lower than the initial target.
S	CO32	Energy efficiency: Decrease of annual primary energy consumption of public buildings	kWh/year	300,000.00	23,328.40	Only three projects contribute to this indicator (E=0:624.40 and ENERGE:22,500, MUSTBE0: 204). The programme initially anticipated 10 projects. This is why there is a discrepancy between the initial Programme target and the cumulative project contributions.
F	CO34	GHG reduction: Estimated annual decrease of GHG	Tonnes of CO2eq	450.00	96,246.48	The main contributors are ACE-Retrofitting (9,564 – substantial large-scale retrofits), CAN (3,056 - energy saving measures on neighborhood level) projects, but also HeatNet (almost 26,000 - low carbon district heating), RegEnergy - 35,437 (smart grid and energy storage) and ECCO (14,251 - local community energy cooperatives).
S	CO34	GHG reduction: Estimated annual decrease of GHG	Tonnes of CO2eq	450.00	114,450.40	Several project values are high due to large investments and retrofits delivered by projects, for instance RegEnergy due to investments (off-grid supply-demand chain), HeatNet (low carbon district heating), ECCO (local energy communities), ACE-Retrofitting (retrofits). The Programme targets were set on the basis of the IVB NWE portfolio. The type of VB incoming projects could not be defined with a top-down approach, one common NWE method for a calculation of a project target value could not be defined and then used for a correction. NWE projects work with various energy sources generating varied input to this indicator and also apply different scales of piloting, with an effect on contributions. This is the reason for a high selected value when compared to target.
F	2.01	Number of solutions facilitating the delivery of existing or emerging low-carbon, energy or climate-protection strategies	No. of solutions	18.00	79.00	Values higher than expected are due to projects delivering many solutions, not as initially anticipated 3 solutions per project (cVPP:24, RegEnergy:14, CConnects:17).
S	2.01	Number of solutions facilitating the delivery of existing or emerging low-carbon, energy or climate-protection strategies	No. of solutions	18.00	97.00	Values higher than expected are due to projects delivering many solutions, not as initially anticipated 3 solutions per project (cVPP:24, RegEnergy:18, CConnects:12).
F	2.02	Number of combined mitigation-relevant adaptation solutions implemented	No. of solutions	15.00	8.00	Total output indicator contributions for ongoing (not completed) operations. Care-Peat:11, CConnects:10. Their contributions are higher than anticipated.
S	2.02	Number of combined mitigation-relevant adaptation solutions implemented	No. of solutions	15.00	21.00	Total project pipeline value : 21 (Care-Peat:11, CConnects:10). The Programme target was established on the basis of 5 projects x 3 solutions = 15. The number of projects applying this indicator is lower than anticipated, but their contributions higher than those initially envisaged.
F	2.03	Number of jobs created in all economic sectors	No. of jobs	200.00	62.00	Total output indicator contributions for ongoing (not completed) operations. Only 2 projects contribute to this indicator. The project contribution to job creation and maintenance will not be as significant as initially anticipated. Job creation is not a primary goal of the projects or the Programme though (secondary indicator to the Programme intervention logic).
S	2.03	Number of jobs created in all economic sectors	No. of jobs	200.00	48.00	The project contribution to job creation and maintenance will not be as significant as initially anticipated. Job creation is not a primary goal of the projects or the Programme though (secondary indicator to the Programme intervention logic).
F	2.04	Number of jobs maintained in all economic sectors	No. of jobs	200.00	116.40	Total output indicator contributions for ongoing (not completed) operations. The project contribution to job maintenance will not be as significant as initially anticipated. It is not a primary goal of the projects or the Programme (this is a secondary indicator to the Programme intervention logic).
S	2.04	Number of jobs maintained in all economic sectors	No. of jobs	200.00	125.00	The project contribution to job maintenance will not be as significant as initially anticipated. It is not a primary goal of the projects or the Programme (this is a secondary indicator to the Programme intervention logic).
F	2.05	Amount of funding leveraged by the project	EUR	80,811,405.00	96,928,166.38	The amount of funding leveraged by the projects is higher than the initially anticipated cumulative project target and the Programme target. This is mainly owed to the project HeatNet NWE and ECCO. The project HeatNet NWE resulted in over 43 million EUR leverage (more than initially anticipated 8 million EUR) of both private and public funding (mainly national). The ECCO project was the second highest contributor with more than 19 million EUR leveraged (instead of initially anticipated 5,5 million EUR) for the Energy Community Cooperatives and follow-up energy initiatives for the project.
S	2.05	Amount of funding leveraged by the project	EUR	80,811,405.00	67,450,000.00	The cumulative value of the contracted projects contributed to this indicator is lower than the Programme target. Nevertheless, the achieved value (please see above) is higher than the Programme target.

(I)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	CO31	Energy efficiency: Number of households with improved energy consumption classification	7,444.00	7,414.00	5,282.00	5,191.00	0.00	0.00	0.00	0.00
S	CO31	Energy efficiency: Number of households with improved energy consumption classification	7,679.00	7,639.00	7,639.00	7,224.00	7,224.00	7,224.00	0.00	0.00
F	CO32	Energy efficiency: Decrease of annual primary energy consumption of public buildings	979.95	979.95	979.95	312.00	0.00	0.00	0.00	0.00
S	CO32	Energy efficiency: Decrease of annual primary energy consumption of public buildings	23,328.40	23,124.00	23,124.00	624.40	0.00	0.00	0.00	0.00
F	CO34	GHG reduction: Estimated annual decrease of GHG	76,955.00	14,415.13	7,235.63	6,946.00	0.00	0.00	0.00	0.00
S	CO34	GHG reduction: Estimated annual decrease of GHG	114,450.00	97,018.20	97,018.20	87,796.80	43,597.00	25,092.50	0.00	0.00
F	2.01	Number of solutions facilitating the delivery of existing or emerging low-carbon, energy or climate-protection strategies	50.00	22.00	13.00	4.00	0.00	0.00	0.00	0.00
S	2.01	Number of solutions facilitating the delivery of existing or emerging low-carbon, energy or climate-protection strategies	97.00	79.00	79.00	67.00	43.00	16.00	0.00	0.00
F	2.02	Number of combined mitigation-relevant adaptation solutions implemented	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	2.02	Number of combined mitigation-relevant adaptation solutions implemented	21.00	17.00	17.00	8.00	0.00	0.00	0.00	0.00
F	2.03	Number of jobs created in all economic sectors	62.00	49.00	10.00	10.00	0.00	0.00	0.00	0.00
S	2.03	Number of jobs created in all economic sectors	48.00	48.00	48.00	48.00	13.00	13.00	0.00	0.00

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	2.04	Number of jobs maintained in all economic sectors	35.90	20.00	10.00	10.00	0.00	0.00	0.00	0.00
S	2.04	Number of jobs maintained in all economic sectors	125.00	55.00	55.00	55.00	20.00	20.00	0.00	0.00
F	2.05	Amount of funding leveraged by the project	96,844,415.00	17,694,515.00	5,652,999.00	5,652,999.00	0.00	0.00	0.00	0.00
S	2.05	Amount of funding leveraged by the project	67,450,000.00	54,000,000.00	54,000,000.00	54,000,000.00	27,500,000.00	22,000,000.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

Priority axis	2 - LOW CARBON
Investment priority	4e - Promoting low-carbon strategies for all types of territories, in particular for urban areas, including the promotion of sustainable multimodal urban mobility and mitigation-relevant adaptation measures
Specific objective	SO2 - To facilitate the implementation of low-carbon, energy and climate protection strategies to reduce GHG emissions in NWE

Table 1: Result indicators - 2.4e.SO2

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
R2	Effectiveness of the NWE public sector organisations in the implementation of low carbon strategies	Percentage	31.00	2014	18.00	31.00		Given the negative annual growth rate of -15% and the estimate of 9% for 2022, the Programme target value will double the 2022 estimate. The implementation evaluation carried out by the Programme in 2018 did not include progress of the result indicators. It will however be part of the impact evaluation planned for 2022.

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
R2	Effectiveness of the NWE public sector organisations in the implementation of low carbon strategies	31.00		31.00		31.00		31.00	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
R2	Effectiveness of the NWE public sector organisations in the implementation of low carbon strategies	31.00		31.00		31.00		31.00	

Priority axis	2 - LOW CARBON
Investment priority	4f - Promoting research and innovation in, and adoption of, low-carbon technologies

Table 2: Common and programme specific output indicators - 2.4f

(I)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	220.00	287.00	Total output indicator contributions for ongoing and completed operations. In the programming process the NWE authorities counted 20 enterprises per SO3 project. The biggest contributors are FORESEA (46), CleanMobilEnergy (24), Green WIN (10), GROOF (4), RED WoLF (33), several exceeding the originally anticipated 20 enterprises per project.
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	220.00	304.00	In the programming process the NWE authorities counted 20 enterprises per SO3 project. The biggest contributors are FORESEA (26), CleanMobilEnergy (30), Green WIN (36), GROOF (40), RED WoLF (42), several exceeding the originally anticipated 20 enterprises per project.
F	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	Enterprises	220.00	199.00	In the programming phase, the Programme envisaged 20 enterprises per funded project. The approved projects however either represent either high or low output contribution (with the values ranging from 4 to 70). The goal of the Specific Objective 3 is not to drive the market directly though.
S	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	Enterprises	220.00	140.00	In the programming phase, the Programme envisaged 20 enterprises per funded project. The approved projects however either represent either high or low output contribution (with the values ranging from 4 to 70). The goal of the Specific Objective 3 is not to drive the market directly though.
F	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	Enterprises	220.00	0.00	The Programme initially anticipated 11 projects x 20 enterprises supported per project = 220 enterprises supported in total. Only 2 projects contribute to this indicator though (GenComm - 10 and ICare4Farms - 40). None of these projects reported achieved values so far.
S	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	Enterprises	220.00	50.00	The Programme initially anticipated 11 projects x 20 enterprises supported per project = 220 enterprises supported in total. Only 2 projects contribute to this indicator though (GenComm - 10 and ICare4Farms - 40).
F	CO30	Renewables: Additional capacity of renewable energy production	MW	120.00	17.23	Total output indicator contributions for ongoing (not completed) operations. Until end 2022, only 5 projects on 10 contributing to this indicator have reported achieved values. The remaining 5 projects will report their achievement in the project closure process in 2023.
S	CO30	Renewables: Additional capacity of renewable energy production	MW	120.00	28.55	Total project pipeline value 28.55. The Programme initially calculated the target for this indicator as for 10 projects and 5 renewable energy investments =50 investments and counted half(25)with PVs and 25 with biomass boilers (expected pipeline) (25x1,2MW +25x3,5MW = circa 120MW target). NWE projects work with various energy sources generating varied input to this indicator and also apply different scales of piloting with an effect on contributions. This explains the difference between the initial Programme target and the cumulative project targets.
F	CO31	Energy efficiency: Number of households with improved energy consumption classification	Households	660.00	0.00	No projects contribute to this indicator. Even though one of the funded projects initially envisaged a contribution, in the course of time the JS realised that the project did not apply the definition of the European Commission (and consequently the Programme), which meant that the value was irrelevant to the indicator. When the Programme was approved, the NWE authorities envisaged 11 projects x 2 solutions per project x 30 households per solution (=660).
S	CO31	Energy efficiency: Number of households with improved energy consumption classification	Households	660.00	0.00	No projects contribute to this indicator. Even though one of the funded projects initially envisaged a contribution, in the course of time the JS realised that the project did not apply the definition of the European Commission (and consequently the Programme), which meant that the value was irrelevant to the indicator. When the Programme was approved, the NWE authorities envisaged 11 projects x 2 solutions per project x 30 households per solution (=660).
F	CO34	GHG reduction: Estimated annual decrease of GHG	Tonnes of CO2eq	500.00	7,317.30	Total output indicator contributions for ongoing and completed operations. Significant project contributions from RED WoLF, SMART-SPACE, LOGiC, CleanMobilEnergy (with a particularly high value - the project integrates various renewable energy sources, storage devices, electric vehicles and optimisation of energy consumption through one unique smart energy management system).
S	CO34	GHG reduction: Estimated annual decrease of GHG	Tonnes of CO2eq	500.00	13,618.89	The Programme targets were set based on the IVB NWE portfolio. The type of VB incoming projects could not be defined with a top-down approach, one common NWE method for a calculation of a project target value/used for a correction. NWE projects work with various energy sources generating varied input to this indicator and also apply different scales of piloting with an effect on project contributions.
F	3.01	Number of adopted or applied low carbon technologies	Number of adopted or applied low carbon technologies	44.00	54.00	Total output indicator contributions for ongoing and completed operations. Significant contribution from FORESEA, supporting offshore renewable energy technology developers.
S	3.01	Number of adopted or applied low carbon technologies	Number of adopted or applied low carbon technologies	44.00	86.00	Total pipeline value:86. High targets of projects FORESEA (28), DGRIDS (15). These projects' values are much higher than the initially anticipated project targets. The programme counted 11 projects with max 4 low carbon technologies adopted or applied (=44 at the Programme level).
F	3.02	Number of jobs created in all economic sectors	No. of jobs	220.00	200.00	Total output indicator contributions for ongoing and completed operations.
S	3.02	Number of jobs created in all economic sectors	No. of jobs	220.00	227.00	Total project pipeline value 227. The project UP STRAW contributed a substantial value due to a high number of professional trainings carried out by the project, enabling job creation.
F	3.03	Number of jobs maintained in all economic sectors	No. of jobs	220.00	1,061.00	Total output indicator contributions for ongoing and completed operations. The high value is due to the UP STRAW mentioned above as well as ITEG.
S	3.03	Number of jobs maintained in all economic sectors	No. of jobs	220.00	560.00	The value is particularly high due to the UP STRAW and ITEG project values exceeding the Programme targets set at the project level. Initially the programme envisaged 11 projects contributing to this indicators, 20 jobs per project (= 220 total at the Programme level).
F	3.04	Amount of funding leveraged by the project	EUR	87,545,688.00	74,234,000.00	Total output indicator contributions for ongoing and completed operations: 74,234,000 (FORESEA). Pending contributions from 4 more projects.
S	3.04	Amount of funding leveraged by the project	EUR	87,545,688.00	82,020,000.00	Total project pipeline value: 82,020,000.

(I)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	269.00	175.00	55.00	19.00	0.00	0.00	0.00	0.00
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	304.00	178.00	178.00	167.00	162.00	26.00	0.00	0.00
F	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	196.00	77.00	47.00	13.00	0.00	0.00	0.00	0.00
S	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	140.00	138.00	138.00	138.00	136.00	56.00	0.00	0.00

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	50.00	50.00	50.00	10.00	10.00	0.00	0.00	0.00
F	CO30	Renewables: Additional capacity of renewable energy production	3.01	1.94	1.87	0.25	0.00	0.00	0.00	0.00
S	CO30	Renewables: Additional capacity of renewable energy production	28.55	28.55	28.55	28.55	20.63	0.00	0.00	0.00
F	CO31	Energy efficiency: Number of households with improved energy consumption classification	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	CO31	Energy efficiency: Number of households with improved energy consumption classification	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	CO34	GHG reduction: Estimated annual decrease of GHG	1,865.20	1,856.00	275.00	25.00	0.00	0.00	0.00	0.00
S	CO34	GHG reduction: Estimated annual decrease of GHG	13,618.80	12,924.79	12,924.79	12,599.79	7,750.00	0.00	0.00	0.00
F	3.01	Number of adopted or applied low carbon technologies	53.00	46.00	45.00	14.00	0.00	0.00	0.00	0.00
S	3.01	Number of adopted or applied low carbon technologies	86.00	84.00	84.00	82.00	56.00	28.00	0.00	0.00
F	3.02	Number of jobs created in all economic sectors	200.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00
S	3.02	Number of jobs created in all economic sectors	227.00	227.00	227.00	227.00	207.00	0.00	0.00	0.00
F	3.03	Number of jobs maintained in all economic sectors	1,061.00	561.00	505.00	1,027.00	0.00	0.00	0.00	0.00
S	3.03	Number of jobs maintained in all economic sectors	560.00	560.00	560.00	560.00	560.00	0.00	0.00	0.00
F	3.04	Amount of funding leveraged by the project	74,234,000.00	74,234,000.00	64,255,029.00	1,500.00	0.00	0.00	0.00	0.00
S	3.04	Amount of funding leveraged by the project	82,020.00	82,020,000.00	82,020,000.00	81,000,000.00	46,000,000.00	30,000,000.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

Priority axis	2 - LOW CARBON
Investment priority	4f - Promoting research and innovation in, and adoption of, low-carbon technologies
Specific objective	SO3 - To facilitate the uptake of low carbon technologies, products, processes and services in sectors with high energy saving potential, to reduce GHG emissions in NWE

Table 1: Result indicators - 2.4f.SO3

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
R3	Status of conditions for low carbon technology deployment in NWE	Percentage	60.00	2014	70.00	60.00		The implementation evaluation carried out by the Programme in 2018 did not include progress of the result indicators. It will however be part of the impact evaluation planned for 2022.

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
R3	Status of conditions for low carbon technology deployment in NWE	60.00		60.00		60.00		60.00	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
R3	Status of conditions for low carbon technology deployment in NWE	60.00		60.00		60.00		60.00	

Priority axis	2 - LOW CARBON
Investment priority	7c - Developing and improving environmentally-friendly (including low noise) and low-carbon transport systems, including inland waterways and maritime transport, ports, multimodal links and airport infrastructure, in order to promote sustainable regional and local mobility

Table 2: Common and programme specific output indicators - 2.7c

(I)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	200.00	128.00	Total output indicator contributions for ongoing and completed operations (achieved output values - CHIPS, ST4W, H2Share, river, FCCP, eHUBS, HECTOR). This reflects the limited involvement of the transport sector companies and the fact that the low carbon solutions and transport management systems are, to a large extent, applied by projects up to demonstration level only (the Programme does not support commercialisation).Despite interest in the Programme, transport operators have found the Programme rules too complex to get involved in projects.
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	200.00	123.00	Total project pipeline value. Despite interest in the Programme, transport operators (enterprises) have found the Programme rules difficult to get involved in projects. In the programming phase, teh Programme envisaged 10 projects and 20 transport operators supported by each project.
F	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	Enterprises	200.00	11.00	Total output indicator contributions for ongoing and completed operations. This reflects the limited involvement of the transport sector companies and the fact that the low carbon solutions and transport management systems are, to a large extent, applied by projects up to demonstration level only (the Programme does not support commercialisation).
S	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	Enterprises	200.00	37.00	Total project pipeline value. This reflects the limited involvement of the transport sector companies and the fact that the low carbon solutions and transport management systems are, to a large extent, applied by projects up to demonstration level only (the Programme does not support commercialisation). Only 3 projects contribute to this indicator instead of the initially envisaged 10 (and 20 transport operators supported by each project).
F	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	Enterprises	200.00	53.00	This reflects the limited involvement of the transport sector companies and the fact that the low carbon solutions and transport management systems are, to a large extent, applied by projects up to demonstration level only (the Programme does not support commercialisation). Initially the Programme envisaged 10 projects, with 20 companies supported per project (hence the discrepancy).
S	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	Enterprises	200.00	50.00	Total project pipeline value. This reflects the fact that the low carbon solutions and transport management systems are, to a large extent, applied by projects up to demonstration level only (the Programme does not support commercialisation). Initially the Programme envisaged 10 projects, with 20 companies supported per project (hence the discrepancy).
F	CO34	GHG reduction: Estimated annual decrease of GHG	Tonnes of CO2eq	500.00	12,350.00	Total output indicator contributions for ongoing and completed operations (CHIPS, and eHUBS with high achievements).
S	CO34	GHG reduction: Estimated annual decrease of GHG	Tonnes of CO2eq	500.00	2,316.00	Total project pipeline value. The Programme targets were set on the basis of the IVB NWE portfolio. The type of VB incoming projects could not be defined with a top-down approach, one common NWE method for a calculation of a project target value could not be defined and then used for a correction. NWE projects work with various energy sources generating varied input to this indicator and also apply different scales of piloting with an effect on contributions.
F	4.01	Number of implemented low carbon solutions in transport	No. of solutions	20.00	37.00	Total output indicator contributions for ongoing and completed operations.Initially the Programme envisaged 5 projects with 4 solutions per project (total=20). The Programme however approved 8 projects, with varied contributions from 1 to 11 per project.
S	4.01	Number of implemented low carbon solutions in transport	No. of solutions	20.00	26.00	Total project pipeline value. Initially the Programme envisaged 5 projects with 4 solutions per project (total=20). The Programme however approved 8 projects, with varied contributions from 1 to 11 per project. Some projects achieved higher values than anticipated within their budgets (river, CHIPS).
F	4.02	Number of new or improved transport management systems leading to GHG reduction	No. of systems	10.00	8.00	Total output indicator contributions for ongoing (not completed) operations: 2. This reflects the limited involvement of the transport sector companies and the fact that the low carbon solutions and transport management systems are, to a large extent, applied by projects up to demonstration level only (the Programme does not support commercialisation).
S	4.02	Number of new or improved transport management systems leading to GHG reduction	No. of systems	10.00	7.00	Total project pipeline value. The Programme envisaged 5 projects contributing to this indicator (with 2 systems per each project and hence the total of 10). However only 2 SO4 approved projects contribute to this indicator. This is why the cumulative project target is lower than the Programme one.
F	4.03	Number of transport operators supported implementing low carbon solutions	No. of transport operators	200.00	19.00	Total output indicator contributions for ongoing and completed operations. Initially the Programme envisaged 10 projects with 10 transport operators supported by each project. Unfortunately only 3 projects contribute to this indicator, all reporting slightly higher values than anticipated in the project application forms (FCCP, H2SHARE and HECTOR with values (from 4 to 10 and the total of 19).
S	4.03	Number of transport operators supported implementing low carbon solutions	No. of transport operators	200.00	13.00	Total project pipeline value. Initially the Programme envisaged 10 projects with 10 transport operators supported by each project. Unfortunately only 3 projects contribute to this indicator (FCCP, H2SHARE and HECTOR) with fairly low values (from 2 to 7 and the total of 13).
F	4.04	Number of jobs created in all economic sectors	No. of jobs	200.00	0.00	Initially the Programme anticipated 10 projects contributing to this indicator, with 20 jobs each. No SO4 projects contribute to this indicator. It should however be noted that this indicator is a secondary one in SO4 and has no impact on the Programme intervention logic. Job creation and maintenance is not a primary goal of the Programme.
S	4.04	Number of jobs created in all economic sectors	No. of jobs	200.00	0.00	Total project pipeline value. Initially the Programme anticipated 10 projects contributing to this indicator, with 20 jobs each. No SO4 projects contribute to this indicator. It should however be noted that this indicator is a secondary one in SO4 and has no impact on the Programme intervention logic. Job creation and maintenance is not a primary goal of the Programme.
F	4.05	Number of jobs maintained in all economic sectors	No. of jobs	200.00	0.00	Initially the Programme anticipated 10 projects contributing to this indicator, with 20 jobs each. No SO4 projects contribute to this indicator. It should however be noted that this indicator is a secondary one in SO4 and has no impact on the Programme intervention logic. Job creation and maintenance is not a primary goal of the Programme.
S	4.05	Number of jobs maintained in all economic sectors	No. of jobs	200.00	0.00	Total project pipeline value. Initially the Programme anticipated 10 projects contributing to this indicator, with 20 jobs each. No SO4 projects contribute to this indicator. It should however be noted that this indicator is a secondary one in SO4 and has no impact on the Programme intervention logic. Job creation and maintenance is not a primary goal of the Programme.
F	4.06	Amount of funding leveraged by the project	EUR	80,811,405.00	205,000.00	Total output indicator contributions for ongoing and completed operations. CHIPS managed to leverage much more funding than initially anticipated, which is why the achieved value for this indicator is higher than the contracted one for projects.
S	4.06	Amount of funding leveraged by the project	EUR	80,811,405.00	59,700.00	Total output indicator contributions for ongoing and completed) operations for the two projects contributing to this indicators. It should however be noted that this indicator is a secondary one in SO4 and has no impact on the Programme intervention logic.

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	124.00	106.00	81.00	28.00	0.00	0.00	0.00	0.00
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	123.00	117.00	117.00	97.00	92.00	40.00	0.00	0.00
F	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	10.00	6.00	6.00	2.00	0.00	0.00	0.00	0.00
S	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	37.00	36.00	36.00	6.00	4.00	0.00	0.00	0.00
F	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	CO34	GHG reduction: Estimated annual decrease of GHG	5,098.32	5,023.00	5,003.00	3.00	0.00	0.00	0.00	0.00
S	CO34	GHG reduction: Estimated annual decrease of GHG	2,316.00	2,199.60	2,199.60	109.60	109.60	9.60	0.00	0.00
F	4.01	Number of implemented low carbon solutions in transport	26.00	17.00	12.00	6.00	0.00	0.00	0.00	0.00
S	4.01	Number of implemented low carbon solutions in transport	25.00	23.00	23.00	20.00	19.00	11.00	0.00	0.00
F	4.02	Number of new or improved transport management systems leading to GHG reduction	4.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00
S	4.02	Number of new or improved transport management systems leading to GHG reduction	7.00	6.00	6.00	6.00	5.00	0.00	0.00	0.00
F	4.03	Number of transport operators supported implementing low carbon solutions	13.00	11.00	9.00	2.00	0.00	0.00	0.00	0.00
S	4.03	Number of transport operators supported implementing low carbon solutions	13.00	13.00	13.00	6.00	4.00	0.00	0.00	0.00
F	4.04	Number of jobs created in all economic sectors	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	4.04	Number of jobs created in all economic sectors	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	4.05	Number of jobs maintained in all economic sectors	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	4.05	Number of jobs maintained in all economic sectors	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F	4.06	Amount of funding leveraged by the project	200,000.00	200,000,000.00	200,000,000.00	55,000,000.00	0.00	0.00	0.00	0.00
S	4.06	Amount of funding leveraged by the project	59,700.00	54,702,090.00	54,702,090.00	54,700,000.00	54,700,000.00	54,700,000.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

Priority axis	2 - LOW CARBON
Investment priority	7c - Developing and improving environmentally-friendly (including low noise) and low-carbon transport systems, including inland waterways and maritime transport, ports, multimodal links and airport infrastructure, in order to promote sustainable regional and local mobility
Specific objective	SO4 - To facilitate the implementation of transnational low-carbon solutions in transport systems to reduce GHG emissions in NWE

Table 1: Result indicators - 2.7c.SO4

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
R4	Status of competences of the transport sector in the use of low carbon solutions in the transport systems	Percentage	6.00	2014	15.00	6.00		The implementation evaluation carried out by the Programme in 2018 did not include progress of the result indicators. It will however be part of the impact evaluation planned for 2022.

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
R4	Status of competences of the transport sector in the use of low carbon solutions in the transport systems	6.00		6.00		6.00		6.00	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
R4	Status of competences of the transport sector in the use of low carbon solutions in the transport systems	6.00		6.00		6.00		6.00	

Priority axis	3 - RESOURCE AND MATERIALS EFFICIENCY
Investment priority	6f - Promoting innovative technologies to improve environmental protection and resource efficiency in the waste sector, water sector and with regard to soil, or to reduce air pollution

Table 2: Common and programme specific output indicators - 3.6f

(I)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	CO01	Productive investment: Number of enterprises receiving support	Enterprises	200.00	1,155.00	Total contributions for ongoing and completed operations. In the programming phase, NWE envisaged 20 enterprises per project, significantly exceeded by a few projects (e.g. RAWFILL, ReNu2Farm, SeRaMCo, RE-DIRECT). RAWFILL involves enterprises in studies and provides them with a tool applied by them (high outreach and effective application). ReNu2Farm provides expert guidance in product categorisation, enterprises receive training in demonstrations - recycling-fertilizer producers benefit from market strategies developed. Phos4You involves enterprises in the development and operation of phosphorus recovery from wastewater. SeRaMCo helps companies develop innovative concrete and cement mixes, involving them at various stages of the production process. Food Heroes allows proof of concept for companies and has a fairly high outreach as well.
S	CO01	Productive investment: Number of enterprises receiving support	Enterprises	200.00	1,451.00	Total project pipeline value. In the programming phase, NWE envisaged 20 enterprises per funded project. A few projects however exceeded this number, which explains the difference between the high achieved values for this indicator and the Programme target. (e.g. RAWFILL, ReNu2Farm, SeRaMCo, RE-DIRECT). Please see the reasons why above.
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	200.00	132.00	Total output indicator contributions for ongoing and completed operations. In the programming phase, the Programme envisaged 20 enterprises per funded project. The average of the contracted projects is however lower, 13 enterprises in average, which explains a lower achieved ad contracted values.
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	200.00	187.00	Total project pipeline value. Total output indicator contributions for ongoing and completed operations. In the programming phase, the Programme envisaged 20 enterprises per funded project. The average of the contracted projects is however lower, 13 enterprises in average, which explains a lower achieved ad contracted values. SO5 of the Programme does not focus on the research element of projects as much as SO1, this is why the structure of project partnerships rarely requires an R&D institution and that's also why there are fewer private partners that could be counted under this indicator.
F	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	Enterprises	200.00	101.00	Total output indicator contributions for ongoing and completed operations. In the programming phase, the Programme envisaged 20 enterprises per funded project (x 10 projects), which was an overestimate. In average, the 11 funded projects supported 10 projects each and 110 in total, out of which 101 have already been achieved.
S	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	Enterprises	200.00	110.00	Total project pipeline value: 110 In the programming phase, the Programme envisaged 20 enterprises per funded project (x 10 projects), which was an overestimate. In average, the 11 funded projects supported 10 projects each and 110 in total. Experience shows that the path to eco-innovation diffusion is long and the testing of new approaches and technologies does not automatically result in the direct introduction of ecoinnovation in companies or market. It should also be noted that the goal of the Specific Objective 5 is to increase the competences in the resource intensive sector, not to drive the market.
F	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	Enterprises	200.00	121.00	Total output indicator contributions for ongoing and completed operations. In the programming phase, the Programme envisaged 20 enterprises per funded project (x10 projects), which was an overestimate. In average, the 7 projects contributing to this indicator support 8 enterprises in average, which explains the discrepancy.
S	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	Enterprises	200.00	53.00	Total project pipeline value. In the programming phase, the Programme envisaged 20 enterprises per funded project, which was an overestimate. It should be noted that the one project (Food Heros) had a much bigger achievement under this indicator than originally anticipated (76 instead of 12). This led to the increase of the total achieved value for all projects above the initial target (121 instead of 53). The Programme experience shows that the path to eco-innovation diffusion is long and the testing of new approaches and technologies facilitated by the Programme does not automatically result in the direct introduction of eco-innovation in companies or market. Also, the goal of the Specific Objective 5 is to increase the competences in the resource intensive sector, not to drive the market directly (to explain the difference against the Programme target).
F	5.01	Number of efficient natural and material resources solutions implemented and tested	No. of solutions implemented	42.00	116.00	Total output indicator contributions for ongoing and completed operations. The Programme target was estimated on the basis of 14 projects and 3 innovative uses of waste per project. In reality, the Programme has funded 21 projects contributing to this indicator and 6 natural and material resource solutions per project, with the total of 126, out of which 116 have already been achieved by the projects. Food Heroes: 17, RE-DIRECT:7).
S	5.01	Number of efficient natural and material resources solutions implemented and tested	No. of solutions implemented	42.00	126.00	Total project pipeline value. The Programme target was estimated on the basis of 14 projects and 3 natural and material resource solutions per project. In reality, the Programme has funded 21 projects contributing to this indicator and 6 innovative uses of waste per project, with the total of 126, out of which 116 have already been achieved by the projects.
F	5.02	Number of innovative uses of waste processes/products/services from waste materials	No. of solutions designed	18.00	104.00	Total output indicator contributions for ongoing and completed operations. In the programming phase, the Programme set the target for this indicator on the basis of 6 projects and 3 innovative uses of waste per project. In practice, there are 11 projects contributing to this indicator, each providing 10 innovative uses of waste in average. This explains the discrepancy between the Programme target (18) and the cumulative contracted value (106), out of which 104 have already been achieved.
S	5.02	Number of innovative uses of waste processes/products/services from waste materials	No. of solutions designed	18.00	106.00	Total project pipeline value. In the programming phase, the Programme set the target for this indicator on the basis of 6 projects and 3 innovative uses of waste per project. In practice, there are 11 projects contributing to this indicator, each providing 10 innovative uses of waste in average. This explains the discrepancy between the Programme target (18) and the cumulative contracted value (106).
F	5.03	Amount of funding leveraged by the project	EUR	161,622,811.00	5,000,000.00	Total output indicator contributions for ongoing and completed operations:5,000,000 (RE-DIRECT project, a higher value than the anticipated 2,000,000). The amount of funding leveraged by the projects will not be as significant as initially anticipated, as this is the next step in the industrial process application. NWE does not fund commercialisation of products/ processes, which would result in a more direct leverage.
S	5.03	Amount of funding leveraged by the project	EUR	161,622,811.00	2,000,000.00	Total project pipeline value:2,000,000 (RE-DIRECT) The amount of funding leveraged by the projects will not be as significant as initially anticipated, as this is the next step in the industrial process application. NWE does not fund commercialisation of

(1)	ID	Indicator	Measurement unit	Target value	2022	Observations
						products/ processes, which would result in a more direct leverage.
F	5.04	Amount of decreased raw material use	Tonnes	1,000,000.00	265,018.00	Total output indicator contributions for ongoing and completed operation. The industrial validation and verification processes that are the goal of the funded project, focusing on piloting and demonstration of innovative processes and products do not immediately result in the tonnage of decreased raw material use and increased material recovery, re-use and recycling. Resource savings and waste recycling rates are likely to be the long-term effects of measures applied by projects rather than a direct outcome of their implementation. The value for this indicator is therefore eventually expected to be lower than initially anticipated by the Programme (the target calculated on the basis of 10 projects x 100,000 tonnes per project).
S	5.04	Amount of decreased raw material use	Tonnes	1,000,000.00	263,204.00	Total project pipeline value. The Programme was target calculated on the basis of 10 projects x 100,000 tonnes per project. This was an over-estimate. The industrial validation and verification processes (goal of the funded projects focusing on piloting and demonstration of innovative processes and products) do not immediately result in the tonnage of decreased raw material use and increased material recovery, re-use and recycling. Resource savings and waste recycling rates are likely to be the long-term effects of measures applied by projects rather than a direct outcome of their implementation.
F	5.05	Amount of increased material recovery, re-use and recycling	Tonnes	1,000,000.00	346,625.00	Total output indicator contributions for ongoing and completed operations. The Programme was target calculated on the basis of 10 projects x 100,000 tonnes per project. This was an over-estimate. The industrial validation and verification processes that are the goal of the funded projects, focusing on piloting and demonstration of innovative processes and products, do not immediately result in the tonnage of decreased raw material use and increased material recovery, re-use and recycling. Resource savings and waste recycling rates are likely to be the long-term effects of projects.
S	5.05	Amount of increased material recovery, re-use and recycling	Tonnes	1,000,000.00	337,443.02	Total project pipeline value. The Programme was target calculated on the basis of 10 projects x 100,000 tonnes per project. This was an over-estimate. The industrial validation and verification processes that are the goal of the funded projects, focusing on piloting and demonstration of innovative processes and products, do not immediately result in the tonnage of decreased raw material use and increased material recovery, re-use and recycling. Resource savings and waste recycling rates are likely to be the long-term effects of projects.
F	5.06	Number of jobs created in all economic sectors	No. of jobs	400.00	51.00	Total output indicator contributions for ongoing and completed operations. Only 5 projects contribute to this indicator, instead of initially anticipated 20. The project contribution to job creation and maintenance will not be as significant as initially anticipated. It is not a primary goal of the projects or the Programme though.
S	5.06	Number of jobs created in all economic sectors	No. of jobs	400.00	88.00	Total project pipeline value. Only 5 projects contribute to this indicator, instead of initially anticipated 20 per project (x20 projects = 400). This is why the project contribution to job creation and maintenance will not be as significant as initially anticipated. It is not a primary goal of the projects or the Programme though.
F	5.07	Number of jobs maintained in all economic sectors	No. of jobs	400.00	92.40	Total output indicator contributions for ongoing and completed operations. Only 3 projects contribute to this indicator, instead of initially anticipated 20 per project (x20 projects =400). The project contribution to job creation and maintenance will not be as significant as initially anticipated. It is not a primary goal of the projects or the Programme.
S	5.07	Number of jobs maintained in all economic sectors	No. of jobs	400.00	100.00	Total project pipeline value. Only 3 projects contribute to this indicator, instead of initially anticipated 20 per project (x20 projects =400). The project contribution to job creation and maintenance will not be as significant as initially anticipated. It is not a primary goal of the projects or the Programme.

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	CO01	Productive investment: Number of enterprises receiving support	916.00	433.00	186.00	107.00	0.00	0.00	0.00	0.00
S	CO01	Productive investment: Number of enterprises receiving support	1,451.00	1,145.00	1,131.00	633.00	410.00	36.00	0.00	0.00
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	94.00	56.00	41.00	24.00	0.00	0.00	0.00	0.00
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	187.00	148.00	138.00	128.00	106.00	46.00	0.00	0.00
F	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	95.00	67.00	24.00	2.00	0.00	0.00	0.00	0.00
S	CO28	Research, Innovation: Number of enterprises supported to introduce new to the market products	110.00	109.00	101.00	99.00	89.00	28.00	0.00	0.00
F	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	103.00	93.00	11.00	6.00	0.00	0.00	0.00	0.00
S	CO29	Research, Innovation: Number of enterprises supported to introduce new to the firm products	53.00	52.00	52.00	40.00	24.00	24.00	0.00	0.00
F	5.01	Number of efficient natural and material resources solutions implemented and tested	106.00	56.00	3.00	1.00	0.00	0.00	0.00	0.00
S	5.01	Number of efficient natural and material resources solutions implemented and tested	126.00	110.00	110.00	94.00	82.00	26.00	0.00	0.00
F	5.02	Number of innovative uses of waste processes/products/services from waste materials	93.00	56.00	27.00	12.00	0.00	0.00	0.00	0.00
S	5.02	Number of innovative uses of waste processes/products/services from waste materials	106.00	101.00	99.00	95.00	78.00	11.00	0.00	0.00
F	5.03	Amount of funding leveraged by the project	5,000,000.00	5,000,000.00	2,000,000.00	2,000,000.00	0.00	0.00	0.00	0.00
S	5.03	Amount of funding leveraged by the project	2,000,000.00	2,000,000.00	2,000,000.00	2,000,000.00	2,000,000.00	2,000,000.00	0.00	0.00
F	5.04	Amount of decreased raw material use	246,087.00	220,742.00	428.00	250.00	0.00	0.00	0.00	0.00
S	5.04	Amount of decreased raw material use	263,204.00	220,813.00	220,813.00	220,813.00	220,813.00	30,000.00	0.00	0.00
F	5.05	Amount of increased material recovery, re-use and recycling	328,186.75	314,643.00	44,058.00	3,500.00	0.00	0.00	0.00	0.00
S	5.05	Amount of increased material recovery, re-use and recycling	337,443.02	314,643.00	314,643.00	314,643.00	314,643.00	14,000.00	0.00	0.00
F	5.06	Number of jobs created in all economic sectors	50.50	43.00	23.00	12.00	0.00	0.00	0.00	0.00
S	5.06	Number of jobs created in all economic sectors	88.00	85.00	78.00	78.00	73.00	65.00	0.00	0.00
F	5.07	Number of jobs maintained in all economic sectors	27.50	27.50	10.00	4.00	0.00	0.00	0.00	0.00
S	5.07	Number of jobs maintained in all economic sectors	100.00	95.00	95.00	45.00	45.00	25.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

Priority axis	3 - RESOURCE AND MATERIALS EFFICIENCY
Investment priority	6f - Promoting innovative technologies to improve environmental protection and resource efficiency in the waste sector, water sector and with regard to soil, or to reduce air pollution
Specific objective	SO5 - To optimise (re)use of material and natural resources in NWE

Table 1: Result indicators - 3.6f.SO5

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
R5	Status of competences in the resource intensive sectors in NWE for eco-innovation diffusion	Percentage	110.00	2014	112.00	110.00		<p>The baseline and target values represent 110% and 112% of the EU average respectively.</p> <p>The implementation evaluation carried out by the Programme in 2018 did not include progress of the result indicators. It will however be part of the impact evaluation planned for 2022.</p>

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
R5	Status of competences in the resource intensive sectors in NWE for eco-innovation diffusion	110.00		110.00		110.00		110.00	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
R5	Status of competences in the resource intensive sectors in NWE for eco-innovation diffusion	110.00		110.00		110.00		110.00	

Priority axes for technical assistance

Priority axis	4 - TECHNICAL ASSISTANCE
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Table 2: Common and programme specific output indicators - 4. TECHNICAL ASSISTANCE

(1)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	6.01	Number of Transnational Cooperation projects approved	Number		0.00	0 new projects approved in 2022 0 new projects approved in 2021 7 projects approved by the Programme in 2020, 25 projects approved by the Programme MCs in 2019, 30 projects approved by the Programme MCs in 2018, 23 projects approved by the Programme MCs in 2017, 17 projects approved by the Programme MCs in 2016 7 projects approved by the Programme in 2020, 25 projects approved by the Programme MCs in 2019, 30 projects approved by the Programme MCs in 2018, 23 projects approved by the Programme MCs in 2017, 17 projects approved by the Programme MCs in 2016
S	6.01	Number of Transnational Cooperation projects approved	Number		0.00	0 new projects approved in 2022 0 new projects approved in 2021 7 projects approved by the Programme in 2020, 25 projects approved by the Programme MCs in 2019, 30 projects approved by the Programme MCs in 2018, 23 projects approved by the Programme MCs in 2017, 17 projects approved by the Programme MCs in 2016
F	6.03	Average number of visits to the Programme website	Number/month		13,293.00	13,293 visits per month in average in 2022. Please see the explanation for higher figures in the previous years below. 21,986 visits per month in average in 2021 (Covid impact - all programme communications were provided in digital format to adapt to the pandemic situation - more webinars organised attracting higher numbers of participants than regular events) 21,642 visits per month in average in 2020 (Covid impact - all programme communications were provided in digital format to adapt to the pandemic situation - more webinars organised attracting higher numbers of participants than regular events) 18,090 visits in average per month in 2019 (capitalisation event in Tourcoing + open calls - Call 9 and 1st Capitalisation Call -attracting a lot of attention) 12,197 visits in average per month in 2018 9,037 visits in average per month in 2017 and 6,590 in 2016
S	6.03	Average number of visits to the Programme website	Number/month		13,293.00	13,293 visits per month in average in 2022. Please see the explanation for higher figures in the previous years below. 21,986 visits per month in average in 2021 (Covid impact - all programme communications were provided in digital format to adapt to the pandemic situation - more webinars organised attracting higher numbers of participants than regular events) 21,642 visits per month in average in 2020 (Covid impact - all programme communications were provided in digital format to adapt to the pandemic situation - more webinars organised attracting higher numbers of participants than regular events) 18,090 visits in average per month in 2019 (capitalisation event in Tourcoing + open calls - Call 9 and 1st Capitalisation Call -attracting a lot of attention) 12,197 visits in average per month in 2018 9,037 visits in average per month in 2017 and 6,590 in 2016
F	6.04	Number of Monitoring Committee meetings	Number		21.00	2022 1 MC: 14 September 2022 2021 2 MCs: 24 March 2021 and 25 October 2021 2020 3 MCs: 12 February 2020, 2-3 April 2020, 23 September 2020 2019 4 MCs:10 January 2019, 6-7 February 2019, 12-13 June 2019, 25-26 Sept 2019 2018 5 MCs: 31 January-1 February 2018, 7 March 2018, 29 May 2018, 26-27 June 2018, 25-26 October 2018 2017 3 MCs: 14-15 March 2017, 11 May and 19-20 September 2017; 2016 3 MCs: 23-25 February 2016; 25 May 2016; 13-15 September 2016
S	6.04	Number of Monitoring Committee meetings	Number		21.00	2022 1 MC: 14 September 2022 2021 2 MCs: 24 March 2021 and 25 October 2021 2020 3 MCs: 12 February 2020, 2-3 April 2020, 23 September 2020 2019 4 MCs:10 January 2019, 6-7 February 2019, 12-13 June 2019, 25-26 Sept 2019 2018 5 MCs: 31 January-1 February 2018, 7 March 2018, 29 May 2018, 26-27 June 2018, 25-26 October 2018 2017 3 MCs: 14-15 March 2017, 11 May and 19-20 September 2017; 2016 3 MCs: 23-25 February 2016; 25 May 2016; 13-15 September 2016
F	6.05	Duration of reimbursement of expenditure to final beneficiaries	Weeks		8.00	2022: 8 weeks; 2021: 6.7 weeks; 2020: 6.1 weeks; 2019: 6.8 weeks; 2018 : 7.7 weeks; 2017: 8.7 weeks ; 2016: 8.1 weeks
S	6.05	Duration of reimbursement of expenditure to final beneficiaries	Weeks		8.00	2022: 8 weeks; 2021: 6.7 weeks;

(1)	ID	Indicator	Measurement unit	Target value	2022	Observations
						2020: 6.1 weeks; 2019: 6.8 weeks; 2018 : 7.7 weeks; 2017: 8.7 weeks ; 2016: 8.1 weeks
F	6.06	Number of appeals to calls for proposals	Number		0.00	2022 value: 0 2021 value: 1: PowerVIBES 2020 value: 0 2019 value 4: CLASH, InclusiveFieldLabs, SmartCircularBridge, EcopPan 2018 value 1: Homes4All (21/06/2018); 2017 value 1: Urban Farming Now (23/10/2017); 2016 value 2: Greening Brownfields (14/01/2016), H2SME (07/10/2016)
S	6.06	Number of appeals to calls for proposals	Number		0.00	2022 value: 0 2021 value: 1: PowerVIBES 2020 value: 0 2019 value 4: CLASH, InclusiveFieldLabs, SmartCircularBridge, EcopPan 2018 value 1: Homes4All (21/06/2018); 2017 value 1: Urban Farming Now (23/10/2017); 2016 value 2: Greening Brownfields (14/01/2016), H2SME (07/10/2016)
F	6.07	Number of evaluations, studies, surveys, experts, reports	Number		0.00	2022: no analysis 2021: Communication evaluation 2020: SWOT analysis 2018: Implementation evaluation; 2017: Territorial cohesion indicators (report); 2016: Evaluation of the two-step approach (report) ;
S	6.07	Number of evaluations, studies, surveys, experts, reports	Number		0.00	2022: no analysis 2021: Communication evaluation 2020: SWOT analysis 2018: Implementation evaluation; 2017: Territorial cohesion indicators (report); 2016: Evaluation of the two-step approach (report) ;
F	6.08	Number of employees whose salaries are co-financed by Technical Assistance	Number		36.00	2022: 24 employees in the JS and 12 Contact Points 2021: 21 employees of the JS and 11 Contact Points 2020: 32 employees of the JS and Contact Points - 21 JS officers and 11 Contact Points 2019: 35 Employees of the JS and Contact Points - 23 JS officers and 12 Contact Point staff members (not all working full-time); 2018: 34 Employees of the JS and Contact Points - 22 JS officers and 12 Contact Point staff members (not all working full-time); 35 in 2017 and 35 in 2016
S	6.08	Number of employees whose salaries are co-financed by Technical Assistance	Number		36.00	2022: 24 employees in the JS and 12 Contact Points 2021: 21 employees of the JS and 11 Contact Points 2020: 32 employees of the JS and Contact Points - 21 JS officers and 11 Contact Points 2019: 35 Employees of the JS and Contact Points - 23 JS officers and 12 Contact Point staff members (not all working full-time); 2018: 34 Employees of the JS and Contact Points - 22 JS officers and 12 Contact Point staff members (not all working full-time); 35 in 2017 and 35 in 2016
F	6.09	Staff turn-over	Percentage		22.00	Staff turn-over for the JS and Contact Points
S	6.09	Staff turn-over	Percentage		22.00	Staff turn-over for the JS and Contact Points Staff turn-over for the JS and Contact Points

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	6.01	Number of Transnational Cooperation projects approved	0.00	102.00	95.00	70.00	40.00	17.00	0.00	0.00
S	6.01	Number of Transnational Cooperation projects approved	0.00	102.00	95.00	70.00	40.00	17.00	0.00	0.00
F	6.03	Average number of visits to the Programme website	21,986.00	21,642.00	18,090.00	12,197.00	9,038.00	6,590.00	0.00	0.00
S	6.03	Average number of visits to the Programme website	21,986.00	21,642.00	18,090.00	12,197.00	9,038.00	6,590.00	0.00	0.00
F	6.04	Number of Monitoring Committee meetings	20.00	18.00	15.00	11.00	6.00	3.00	0.00	0.00
S	6.04	Number of Monitoring Committee meetings	20.00	18.00	15.00	11.00	6.00	3.00	0.00	0.00
F	6.05	Duration of reimbursement of expenditure to final beneficiaries	6.70	6.10	6.80	7.70	8.70	8.10	0.00	0.00
S	6.05	Duration of reimbursement of expenditure to final beneficiaries	6.70	6.10	6.80	7.70	8.70	8.10	0.00	0.00
F	6.06	Number of appeals to calls for proposals	1.00	0.00	4.00	1.00	1.00	2.00	0.00	0.00
S	6.06	Number of appeals to calls for proposals	1.00	0.00	4.00	1.00	1.00	2.00	0.00	0.00
F	6.07	Number of evaluations, studies, surveys, experts, reports	1.00	4.00	3.00	3.00	2.00	1.00	0.00	0.00
S	6.07	Number of evaluations, studies, surveys, experts, reports	1.00	4.00	3.00	3.00	2.00	1.00	0.00	0.00
F	6.08	Number of employees whose salaries are co-financed by Technical Assistance	32.00	32.00	35.00	34.00	35.00	35.00	0.00	0.00
S	6.08	Number of employees whose salaries are co-financed by Technical Assistance	32.00	32.00	35.00	34.00	35.00	35.00	0.00	0.00
F	6.09	Staff turn-over	21.00	12.00	24.00	25.00	16.00	25.00	0.00	0.00
S	6.09	Staff turn-over	22.00	12.00	30.00	26.00	16.00	25.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

Priority axis	4 - TECHNICAL ASSISTANCE
Specific objective	SO6 - To maximise the effectiveness and efficiency of the management and implementation of the INTERREG NWE Programme

Table 1: Result indicators - 4.SO6

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
TA1	Share (%) of all supported operations that are implemented successfully, demonstrated by the achievement of planned objectives	Percentage	0.00	2013	90.00	21.00		First projects close in 2019
TA2	Percentage of satisfaction of supporting beneficiaries in the implementation and communication of their projects	Percentage	66.00	2014	76.00	78.00		Figure from the communication evaluation done in 2020
TA3	Amount of regular expenditure in sample for audit of operation	Percentage	0.00	2013	98.00	96.91		

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
TA1	Share (%) of all supported operations that are implemented successfully, demonstrated by the achievement of planned objectives	15.00		8.00		3.00		0.00	
TA2	Percentage of satisfaction of supporting beneficiaries in the implementation and communication of their projects	78.00		78.00		66.00		66.00	
TA3	Amount of regular expenditure in sample for audit of operation	99.39		99.84		99.90		99.95	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
TA1	Share (%) of all supported operations that are implemented successfully, demonstrated by the achievement of planned objectives	0.00		0.00		0.00		0.00	
TA2	Percentage of satisfaction of supporting beneficiaries in the implementation and communication of their projects	66.00		66.00		66.00		66.00	
TA3	Amount of regular expenditure in sample for audit of operation	0.00		0.00		0.00		0.00	

3.3 Table 3: Information on the milestones and targets defined in the performance framework

Priority axis	Ind type	ID	Indicator	Measurement unit	Milestone for 2018 total	Final target (2023) total	2022	Observations
1	F	1.E	Total amount of eligible expenditure certified to EC for Priority Axis 1	EUR	27,778,878.00	191,207,223.00	146,360,300.35	
1	I	1.A	Number of approved projects under Priority 1, focusing on the new or enhanced transnational clusters and innovation networks	Number of projects	5	9.00	36.00	
1	I	1.B	Number of approved projects under Priority 1, focusing on enterprises receiving support	Number of projects	14	27.00	40.00	
1	O	1.C	Number of new or enhanced transnational clusters or innovation networks	Number of networks/clusters	0	27.00	72.00	
1	O	1.D	Number of enterprises receiving support	Number of enterprises	0	540.00	2,255.00	
2	F	2.E	Total amount of eligible expenditure certified to EC for Priority Axis 2	EUR	31,146,063.00	297,616,177.00	209,157,122.00	
2	I	2.A	Number of approved projects under Priority 2, leading to solutions facilitating the delivery of existing or emerging low carbon, energy or climate protection strategies	Number of projects	3	6.00	11.00	
2	I	2.B	Number of approved projects under Priority 2, leading to enterprises co-operating with research institutions	Number of projects	11	21.00	24.00	
2	O	2.C	Number of solutions facilitating the delivery of existing or emerging low carbon, energy or climate protection strategies	Number of solutions	0	18.00	79.00	
2	O	2.D	No. of enterprises co-operating with research institutions	Number of enterprises	0	420.00	415.00	
3	F	3.C	Total amount of eligible expenditure certified to EC for Priority Axis 3	EUR	20,202,852.00	131,787,071.00	104,663,156.00	
3	I	3.A	Number of projects approved under Priority 3	Number of projects	10	20.00	23.00	
3	O	3.B	Number of enterprises receiving support	No. of enterprises	0	400.00	1,155.00	

Priority axis	Ind type	ID	Indicator	Measurement unit	2021	2020	2019	2018	2017
1	F	1.E	Total amount of eligible expenditure certified to EC for Priority Axis 1	EUR	102,376,213.00	59,622,531.00	28,619,126.00	20,844,689.69	2,971,794.72
1	I	1.A	Number of approved projects under Priority 1, focusing on the new or enhanced transnational clusters and innovation networks	Number of projects	36.00	35.00	30.00	21.00	7.00
1	I	1.B	Number of approved projects under Priority 1, focusing on enterprises receiving support	Number of projects	39.00	38.00	32.00	24.00	9.00
1	O	1.C	Number of new or enhanced transnational clusters or innovation networks	Number of networks/clusters	49.00	8.00	8.00	3.00	0.00
1	O	1.D	Number of enterprises receiving support	Number of enterprises	1,752.00	683.00	562.00	472.00	0.00
2	F	2.E	Total amount of eligible expenditure certified to EC for Priority Axis 2	EUR	147,548,263.31	97,637,489.00	47,693,174.00	27,235,690.00	4,309,713.47
2	I	2.A	Number of approved projects under Priority 2, leading to solutions facilitating the delivery of existing or emerging low carbon, energy or climate protection strategies	Number of projects	11.00	11.00	11.00	8.00	6.00
2	I	2.B	Number of approved projects under Priority 2, leading to enterprises co-operating with research institutions	Number of projects	24.00	24.00	24.00	19.00	12.00
2	O	2.C	Number of solutions facilitating the delivery of existing or emerging low carbon, energy or climate protection strategies	Number of solutions	50.00	22.00	13.00	4.00	0.00
2	O	2.D	No. of enterprises co-operating with research institutions	Number of enterprises	393.00	282.00	136.00	47.00	0.00
3	F	3.C	Total amount of eligible expenditure certified to EC for Priority Axis 3	EUR	72,932,575.17	46,579,682.00	21,099,544.00	17,372,085.50	553,152.37
3	I	3.A	Number of projects approved under Priority 3	Number of projects	23.00	23.00	22.00	15.00	9.00
3	O	3.B	Number of enterprises receiving support	No. of enterprises	916.00	433.00	341.00	262.00	0.00

Priority axis	Ind type	ID	Indicator	Measurement unit	2016	2015	2014
1	F	1.E	Total amount of eligible expenditure certified to EC for Priority Axis 1	EUR	0.00	0.00	0.00
1	I	1.A	Number of approved projects under Priority 1, focusing on the new or enhanced transnational clusters and innovation networks	Number of projects	2.00	0.00	0.00
1	I	1.B	Number of approved projects under Priority 1, focusing on enterprises receiving support	Number of projects	5.00	0.00	0.00
1	O	1.C	Number of new or enhanced transnational clusters or innovation networks	Number of networks/clusters	0.00	0.00	0.00
1	O	1.D	Number of enterprises receiving support	Number of enterprises	0.00	0.00	0.00

Priority axis	Ind type	ID	Indicator	Measurement unit	2016	2015	2014
2	F	2.E	Total amount of eligible expenditure certified to EC for Priority Axis 2	EUR	0.00	0.00	0.00
2	I	2.A	Number of approved projects under Priority 2, leading to solutions facilitating the delivery of existing or emerging low carbon, energy or climate protection strategies	Number of projects	4.00	0.00	0.00
2	I	2.B	Number of approved projects under Priority 2, leading to enterprises co-operating with research institutions	Number of projects	2.00	0.00	0.00
2	O	2.C	Number of solutions facilitating the delivery of existing or emerging low carbon, energy or climate protection strategies	Number of solutions	0.00	0.00	0.00
2	O	2.D	No. of enterprises co-operating with research institutions	Number of enterprises	0.00	0.00	0.00
3	F	3.C	Total amount of eligible expenditure certified to EC for Priority Axis 3	EUR	0.00	0.00	0.00
3	I	3.A	Number of projects approved under Priority 3	Number of projects	3.00	0.00	0.00
3	O	3.B	Number of enterprises receiving support	No. of enterprises	0.00	0.00	0.00

3.4. Financial data

Table 4: Financial information at priority axis and programme level

As set out in Table 1 of Annex II to Commission Implementing Regulation (EU) No 1011/2014 (Model for transmission of financial data) and table 16 of model for cooperation programmes under the European territorial cooperation goal

Priority axis	Fund	Calculation basis	Total funding	Co-financing rate	Total eligible cost of operations selected for support	Proportion of the total allocation covered with selected operations	Public eligible cost of operations selected for support	Total eligible expenditure declared by beneficiaries to the managing authority	Proportion of the total allocation covered by eligible expenditure declared by beneficiaries	Number of operations selected
1	ERDF	Total	191,207,223.00	60.00	230,218,738.42	120.40%	186,069,593.87	146,363,660.10	76.55%	44
2	ERDF	Total	297,616,177.00	60.00	328,854,714.74	110.50%	246,469,766.09	209,157,121.56	70.28%	35
3	ERDF	Total	131,787,071.00	60.00	146,366,987.57	111.06%	127,612,399.90	103,662,278.38	78.66%	23
4	ERDF	Total	27,962,424.00	85.00	27,962,423.98	100.00%	27,962,423.98	21,483,872.21	76.83%	10
Total	ERDF		648,572,895.00	61.08	733,402,864.71	113.08%	588,114,183.84	480,666,932.25	74.11%	112
Grand total			648,572,895.00	61.08	733,402,864.71	113.08%	588,114,183.84	480,666,932.25	74.11%	112

Where applicable, the use of any contribution from third countries participating in the cooperation programme should be provided (for example IPA and ENI, Norway, Switzerland)

Swiss organisations may participate in the NWE projects but are not entitled to ERDF funding. They may receive funding from the Swiss federal government to co-finance their share in the project budget and, in some cases, may need to provide their own funding to cover their entire share of the project budget.

The Swiss contribution to Technical Assistance equals 24,000 EUR for the course of the Programme duration. The entire amount was invoiced by the Programme and paid by Switzerland in December 2015. Since then, no additional funding has been received.

Table 5: Breakdown of the cumulative financial data by category of intervention

As set out in Table 2 of Annex II to Commission Implementing Regulation (EU) No 1011/2014 (Model for transmission of financial data) and tables 6-9 of Model for cooperation programmes

Priority axis	Fund	Intervention field	Form of finance	Territorial dimension	Territorial delivery mechanism	Thematic objective dimension	ESF secondary theme	Economic dimension	Location dimension	Total eligible cost of operations selected for support	Public eligible cost of operations selected for support	The total eligible expenditure declared by beneficiaries to the managing authority	Number of operations selected
1	ERDF	063	01	07	07	01		01	FR213	3,193,157.19	2,418,374.42	1,968,404.59	1
1	ERDF	063	01	07	07	01		07	DE737	5,666,950.00	4,635,190.00	3,666,379.70	1
1	ERDF	063	01	07	07	01		08	NL423	7,612,498.51	5,588,055.93	2,735,181.63	1
1	ERDF	063	01	07	07	01		11	UKM22	6,069,504.15	5,578,205.55	5,019,910.78	1
1	ERDF	063	01	07	07	01		13	NL423	4,991,202.08	4,198,608.70	2,952,170.34	1
1	ERDF	063	01	07	07	01		20	NL326	6,212,655.00	5,038,850.07	6,002,273.65	1
1	ERDF	063	01	07	07	01		20	NL412	5,000,045.96	4,339,585.74	4,249,245.02	1
1	ERDF	063	01	07	07	01		22	IE021	2,386,056.72	2,135,390.73	1,273,411.37	1
1	ERDF	063	01	07	07	01		22	UKM65	12,903,942.83	8,320,481.67	9,146,274.49	1
1	ERDF	064	01	07	07	01		01	BE213	2,921,621.18	2,116,062.77	2,012,923.07	1
1	ERDF	064	01	07	07	01		01	BE351	4,129,400.00	3,127,072.12	2,608,703.09	1
1	ERDF	064	01	07	07	01		01	IE022	3,780,800.42	3,286,188.92	648,200.15	1
1	ERDF	064	01	07	07	01		03	BE213	4,024,286.46	3,787,163.28	1,405,719.08	1
1	ERDF	064	01	07	07	01		03	BE222	3,964,105.34	3,817,048.16	3,871,269.52	1
1	ERDF	064	01	07	07	01		03	NL226	3,143,632.27	2,646,058.97	3,182,410.60	1
1	ERDF	064	01	07	07	01		04	FR301	3,589,384.65	2,586,694.89	1,249,751.21	1
1	ERDF	064	01	07	07	01		04	NL310	4,049,724.87	2,761,092.76	1,285,788.18	1
1	ERDF	064	01	07	07	01		05	NL213	2,799,899.61	2,481,475.91	1,147,427.47	1
1	ERDF	064	01	07	07	01		06	BE323	3,964,932.00	2,609,855.85	1,858,320.07	1
1	ERDF	064	01	07	07	01		06	NL414	13,924,961.48	11,029,009.42	8,792,741.98	1
1	ERDF	064	01	07	07	01		07	BE213	7,373,658.13	6,242,809.19	4,919,087.26	1
1	ERDF	064	01	07	07	01		07	BE242	5,007,530.75	3,675,121.20	3,347,981.54	1
1	ERDF	064	01	07	07	01		07	NL333	4,727,676.13	3,194,628.85	4,382,364.91	1
1	ERDF	064	01	07	07	01		07	NL411	2,660,730.40	2,535,045.43	965,140.39	1
1	ERDF	064	01	07	07	01		20	DE111	4,314,264.53	4,021,154.53	3,178,126.68	1
1	ERDF	064	01	07	07	01		20	NL211	3,346,302.30	2,299,366.23	2,211,478.93	1
1	ERDF	064	01	07	07	01		20	NL226	6,052,568.71	5,714,044.81	4,620,891.12	1
1	ERDF	064	01	07	07	01		20	NL423	13,655,143.17	11,795,429.27	7,975,143.48	2
1	ERDF	064	01	07	07	01		20	UKD31	3,579,527.81	2,943,763.41	2,504,114.81	1
1	ERDF	064	01	07	07	01		21	BE352	3,677,626.16	3,279,124.84	1,943,351.34	1
1	ERDF	064	01	07	07	01		22	IE013	12,435,969.79	7,150,903.11	4,900,795.11	1
1	ERDF	064	01	07	07	01		22	NL221	5,110,034.70	4,638,615.03	1,634,774.36	1
1	ERDF	064	01	07	07	01		24	BE234	5,825,753.92	5,172,251.64	4,909,733.84	1
1	ERDF	064	01	07	07	01		24	NL322	7,205,277.17	5,384,636.82	5,332,088.65	1
1	ERDF	112	01	07	07	01		01	BE213	3,417,827.81	3,092,320.63	2,675,290.36	1
1	ERDF	112	01	07	07	01		20	BE352	6,333,003.03	5,334,835.78	2,077,019.53	1
1	ERDF	112	01	07	07	01		20	DEA14	3,764,096.49	2,959,531.45	2,480,842.25	1
1	ERDF	112	01	07	07	01		21	DEA5C	4,824,751.04	4,479,031.16	4,404,433.40	1
1	ERDF	112	01	07	07	01		21	FR106	5,927,217.53	4,396,483.67	2,023,351.16	1
1	ERDF	112	01	07	07	01		21	FR301	3,769,419.84	2,884,770.33	3,681,636.14	1
1	ERDF	112	01	07	07	01		21	NL213	2,186,267.63	1,955,176.46	960,657.51	1
1	ERDF	112	01	07	07	01		21	UKM62	3,026,163.02	2,750,916.53	1,928,246.09	1
1	ERDF	112	01	07	07	01		24	NL332	7,669,167.64	7,669,167.64	8,230,605.25	1
2	ERDF	012	01	07	07	04		09	DEA14	19,655,998.46	14,069,805.70	10,857,004.83	1
2	ERDF	012	01	07	07	04		10	BE242	6,223,520.54	5,050,713.96	5,696,203.56	1
2	ERDF	012	01	07	07	04		10	DE712	11,080,463.82	8,807,842.16	10,275,223.40	1
2	ERDF	012	01	07	07	04		11	UKM50	9,250,950.69	8,590,457.85	5,115,886.28	1
2	ERDF	012	01	07	07	04		12	UKN01	11,786,126.87	9,021,376.78	8,138,647.82	1
2	ERDF	012	01	07	07	04		22	FR513	3,417,482.43	2,552,216.12	1,993,863.46	1
2	ERDF	012	01	07	07	04		22	UKM65	50,302,147.63	29,266,292.47	23,732,407.78	3
2	ERDF	012	01	07	07	04		24	NL322	4,209,961.35	3,399,339.35	1,472,535.15	1
2	ERDF	012	01	07	07	07		12	DE123	6,025,968.64	5,401,992.01	3,163,410.58	1

Priority axis	Fund	Intervention field	Form of finance	Territorial dimension	Territorial delivery mechanism	Thematic objective dimension	ESF secondary theme	Economic dimension	Location dimension	Total eligible cost of operations selected for support	Public eligible cost of operations selected for support	The total eligible expenditure declared by beneficiaries to the managing authority	Number of operations selected
2	ERDF	012	01	07	07	07		22	NL414	2,352,674.90	1,823,133.03	2,468,741.01	1
2	ERDF	013	01	07	07	04		10	NL423	24,018,657.78	19,734,481.63	12,455,986.58	1
2	ERDF	013	01	07	07	04		11	UKG13	2,679,287.00	2,679,287.00	2,187,311.96	1
2	ERDF	013	01	07	07	04		22	BE242	4,231,209.50	3,628,820.49	3,387,241.29	1
2	ERDF	013	01	07	07	04		22	BE255	5,717,368.19	5,264,750.66	3,159,251.79	1
2	ERDF	013	01	07	07	04		22	IE013	4,324,754.72	3,917,365.98	2,694,263.35	1
2	ERDF	013	01	07	07	04		22	LU000	5,927,927.39	4,715,010.13	4,624,090.73	1
2	ERDF	013	01	07	07	04		22	NL332	9,002,049.19	6,168,569.42	8,824,929.38	1
2	ERDF	013	01	07	07	04		22	UKJ12	43,167,333.59	21,808,603.22	13,655,037.41	1
2	ERDF	015	01	07	07	04		10	UKE42	7,396,138.39	6,176,955.35	3,328,901.85	1
2	ERDF	015	01	07	07	04		22	NL414	7,095,342.53	5,911,800.77	7,159,047.59	1
2	ERDF	023	01	07	07	04		01	NL226	5,414,425.63	5,376,825.63	2,877,743.01	1
2	ERDF	023	01	07	07	04		10	IE021	11,573,185.92	10,378,806.35	11,388,893.12	1
2	ERDF	023	01	07	07	04		22	DE712	9,401,815.22	9,275,215.22	8,445,925.33	1
2	ERDF	023	01	07	07	04		22	FR431	4,242,691.25	3,694,743.59	4,453,431.69	1
2	ERDF	023	01	07	07	04		22	NL226	7,207,812.42	6,211,236.27	5,849,317.37	1
2	ERDF	043	01	07	07	07		05	BE213	3,661,302.44	2,018,302.22	3,532,772.62	1
2	ERDF	043	01	07	07	07		05	NL326	12,376,933.19	10,823,041.24	8,834,698.90	1
2	ERDF	043	01	07	07	07		12	FR301	3,875,582.29	3,101,978.58	3,545,620.70	1
2	ERDF	043	01	07	07	07		22	BE242	4,482,509.86	3,904,224.06	4,225,427.87	1
2	ERDF	043	01	07	07	07		24	DEA23	8,823,282.24	7,049,313.65	6,471,360.22	1
2	ERDF	044	01	07	07	07		12	BE323	5,594,661.07	4,261,463.20	3,939,568.72	1
2	ERDF	065	01	07	07	04		08	FR246	7,308,100.00	6,580,621.28	6,354,313.43	1
2	ERDF	087	01	07	07	04		01	BE212	7,027,049.60	5,805,180.72	4,848,062.78	1
3	ERDF	019	01	07	07	06		06	UKI11	4,486,258.96	3,579,261.30	2,868,903.51	1
3	ERDF	019	01	07	07	06		08	BE100	6,141,691.60	5,164,851.28	4,346,665.45	1
3	ERDF	019	01	07	07	06		11	BE332	10,971,875.73	9,912,661.87	6,392,202.89	2
3	ERDF	019	01	07	07	06		11	DEA1A	4,359,245.26	3,650,353.26	3,540,727.46	1
3	ERDF	019	01	07	07	06		11	DEC01	4,891,952.36	4,081,689.09	3,897,480.77	1
3	ERDF	019	01	07	07	06		11	FR301	8,014,394.04	6,766,768.95	5,067,679.37	1
3	ERDF	019	01	07	07	06		14	UKH21	5,738,739.91	5,277,852.23	3,020,168.41	1
3	ERDF	069	01	07	07	06		01	BE242	7,413,009.14	5,949,911.91	4,552,631.58	1
3	ERDF	069	01	07	07	06		03	NL413	5,700,494.27	4,102,325.94	5,945,697.96	1
3	ERDF	069	01	07	07	06		04	NL326	3,381,994.18	1,984,676.71	3,191,490.98	1
3	ERDF	069	01	07	07	06		06	BE242	8,232,105.84	6,836,377.41	5,118,637.24	1
3	ERDF	069	01	07	07	06		07	UKD31	6,933,242.60	6,005,781.69	3,829,651.31	1
3	ERDF	069	01	07	07	06		08	BE234	5,202,446.43	5,023,822.88	3,398,305.69	1
3	ERDF	069	01	07	07	06		08	DEB32	7,276,838.96	6,487,386.15	6,254,320.03	1
3	ERDF	069	01	07	07	06		08	FR101	7,031,998.87	6,828,422.61	3,284,413.70	1
3	ERDF	069	01	07	07	06		08	NL333	6,940,715.90	5,704,428.44	3,126,371.57	1
3	ERDF	069	01	07	07	06		08	UKD72	4,806,211.72	4,806,211.72	4,738,509.02	1
3	ERDF	069	01	07	07	06		11	DEA52	11,103,994.44	10,789,997.03	10,952,287.98	1
3	ERDF	069	01	07	07	06		11	NL221	7,578,642.26	6,610,380.10	6,581,364.83	1
3	ERDF	069	01	07	07	06		11	UKL18	6,497,149.90	6,271,897.74	5,532,758.79	1
3	ERDF	069	01	07	07	06		22	DE731	7,040,950.00	6,087,290.00	6,078,973.05	1
3	ERDF	069	01	07	07	06		22	NL414	6,623,035.20	5,690,051.59	1,943,036.79	1
4	ERDF	121	01	07	07			24	BE1	263,364.16	263,364.16	242,426.90	1
4	ERDF	121	01	07	07			24	BE2	372,085.87	372,085.87	293,476.50	1
4	ERDF	121	01	07	07			24	BE3	1,463,875.00	1,463,875.00	549,150.97	1
4	ERDF	121	01	07	07			24	DE	800,000.00	800,000.00	635,745.86	1
4	ERDF	121	01	07	07			24	FR	22,743,615.00	22,743,615.00	18,157,645.26	1
4	ERDF	121	01	07	07			24	FR3	69,549.95	69,549.95	28,939.27	1
4	ERDF	121	01	07	07			24	IE	876,000.00	876,000.00	535,436.20	1
4	ERDF	121	01	07	07			24	LU000	335,000.00	335,000.00	276,149.18	1
4	ERDF	121	01	07	07			24	NL	377,261.00	377,261.00	263,818.73	1
4	ERDF	121	01	07	07			24	UK	661,673.00	661,673.00	501,083.34	1

Table 6: Cumulative cost of all or part of an operation implemented outside the Union part of the programme area

1. Operation (2)	2. The amount of ERDF support(1) envisaged to be used for all or part of an operation implemented outside the Union part of the programme area based on selected operations	3. Share of the total financial allocation to all or part of an operation located outside the Union part of the programme area (%) (column 2/total amount allocated to the support from the ERDF at programme level *100)	4. Eligible expenditure of ERDF support incurred in all or part of an operation implemented outside the Union part of the programme area declared by the beneficiary to the managing authority	5. Share of the total financial allocation to all or part of an operation located outside the Union part of the programme area (%) (column 4/total amount allocated to the support from the ERDF at programme level *100)
NWE102 CAN	0.00		5,418.02	0.00%
NWE1052 HI-ECOWIRE	412,877.44	0.10%	0.00	
NWE1102 STEPS	4,200.00	0.00%	0.00	
NWE1122 MegaAWE	0.00		152,678.88	0.04%
NWE136 eMEN	207,150.00	0.05%	3,275.09	0.00%
NWE142 BioBase4SME	0.00		6,578.55	0.00%
NWE217 BE-GOOD	0.00		8,454.87	0.00%
NWE220 ASPECT	177,207.46	0.04%	3,533.73	0.00%
NWE292 Phos4You	298,200.00	0.08%	3,770.44	0.00%
NWE320 SeRaMCo	0.00		77,973.99	0.02%
NWE331 Fibersort	0.00		2,739.40	0.00%
NWE334 GenComm	0.00		5,658.61	0.00%
NWE348 AFTB	0.00		248,897.42	0.06%
NWE358 Food Heroes	0.00		47,032.20	0.01%
NWE363 QCAP	151,949.53	0.04%	195,878.29	0.05%
NWE368 H2Share	0.00		509.39	0.00%
NWE377 RAWFILL	0.00		10,254.36	0.00%
NWE40 B4H	0.00		274.59	0.00%
NWE410 UP STRAW	4,800.00	0.00%	5,468.75	0.00%
NWE452 CleanMobilEnergy	0.00		662.31	0.00%
NWE455 Codex4SMEs	314,278.05	0.08%	667.00	0.00%
NWE474 GROOF	108,000.00	0.03%	6,887.18	0.00%
NWE485 SHICC	0.00		93.10	0.00%
NWE496 ECCO	0.00		1,250.00	0.00%
NWE497 BONE	0.00		5,262.45	0.00%

NWE520 ALG-AD	0.00		1,214.23	0.00%
NWE544 Water Test Network	783,132.00	0.20%	0.00	
NWE55 FORESEA	0.00		7,003.20	0.00%
NWE553 river	13,200.00	0.00%	1,736.85	0.00%
NWE574 SMART TRACK 4 WATERWAY (ST4W)	0.00		10,733.82	0.00%
NWE585 VR4REHAB	0.00		441.10	0.00%
NWE596 FCCP	327,491.15	0.08%	19,884.19	0.01%
NWE601 ReNu2Farm	0.00		14,331.41	0.00%
NWE613 ITEG	0.00		654,553.50	0.17%
NWE619 WOW!	0.00		6,087.76	0.00%
NWE621 UV - ROBOT	0.00		3,638.67	0.00%
NWE623 COTEMACO	0.00		95.34	0.00%
NWE647 SMART-SPACE	0.00		100,675.40	0.03%
NWE652 NWE MEA	0.00		4,816.82	0.00%
NWE653 SuNSE	0.00		2,033.63	0.00%
NWE657 Green WIN	0.00		853.50	0.00%
NWE661 NWE-Chance	0.00		326.82	0.00%
NWE663 Machining4.0	0.00		36,284.18	0.01%
NWE67 ACE-Retrofitting	0.00		45.39	0.00%
NWE695 EYES	0.00		972.00	0.00%
NWE705 H4.0E	0.00		84,402.80	0.02%
NWE725 URBCON	1,459.20	0.00%	0.00	
NWE729 Di-Plast	551,470.23	0.14%	376,544.57	0.10%
NWE730 HappyMoo	0.00		738.27	0.00%
NWE739 FCRBE	39,000.00	0.01%	0.00	
NWE756 MiteControl	428,125.62	0.11%	316,165.02	0.08%
NWE787 CEDaCI	0.00		845.90	0.00%
NWE795 D2Grids	0.00		21.44	0.00%
NWE808 Care-Peat	0.00		5,336.86	0.00%
NWE810 FABulous Farmers	0.00		2,233.81	0.00%
NWE826 eHUBS	0.00		14,110.77	0.00%

NWE831 REAMIT	180,480.00	0.05%	1,487.99	0.00%
NWE834 MUSTBE0	941,799.60	0.24%	2,092.73	0.00%
NWE847 RED WoLF	0.00		69.29	0.00%
NWE853 IMAGINE	0.00		7,683.03	0.00%
NWE855 COBRACOMP	491,521.00	0.12%	1,471.09	0.00%
NWE883 HECTOR	664,569.00	0.17%	0.00	
NWE892 DGE- ROLLOUT	0.00		4,152.91	0.00%
NWE909 AFLOWT	391,900.41	0.10%	0.00	
NWE917 CircTex	715,000.00	0.18%	10,036.74	0.00%
NWE918 NWE - REGENERATIS	0.00		429.12	0.00%
NWE95 HeatNet NWE	0.00		2,148.13	0.00%
NWE96 CHIPS	0.00		21,631.83	0.01%
NWE961 TRANSFORM-CE	0.00		5,254.13	0.00%
NWE975 DigitalDeConstruction	0.00		119.12	0.00%
NWE982 SHAREPAIR	0.00		15,228.80	0.00%

(1) ERDF support is the Commission decision on the respective cooperation programme.

(2) In accordance with and subject to ceilings set out Article 20 of Regulation (EU) No 1299/2013.

4. SYNTHESIS OF THE EVALUATIONS

In the second half of the year 2022, the Programme authorities launched the final impact evaluation of the Programme.

The theory-based impact evaluation aims to analyse and evaluate the contribution of the Programme and its projects to changes on the territory:

- To reconstruct and verify the mechanisms and factors that brought the change, following the steps of the programme intervention logic
- To verify if and how the NWE projects have worked together and produced an impact on the Programme territory
- To demonstrate the added value of the programme, as well as additional quantitative/qualitative benefits brought to the territory.

The evaluation is structured along the following tasks:

- Preparation, inception meeting and report
- Desk Research and data gathering
- Analysis of project outputs and results achieved (desk research)
- Analysis of changes in result indicators and territorial cohesion indicators in the NWE programme area (statistical review and mapping)
- Evaluation of use of project results, outreach, generated benefits, added value, mechanisms of change (case studies)
- Contribution analysis and evaluation of the contribution to change
- Recommendations, Reporting and Feedback to the Evaluation Task Force

The evaluation process of the Programme impact started in September in 2022 and, by end 2022, led to:

- Development of a detailed workplan with the sub-contracted consortium as well as the structure of the report, based on the initial information provided in the NWE evaluation plan, preparation of a draft inception report
- Checks of data availability, in order to map the socio-economic phenomena taking place on the NWE territory
- Analysis of macroeconomic data used for the establishment of milestones and targets for the Programme result indicators, in search for data continuity and proof of Programme achievement of target values for those indicators
- Analysis of the initial 19 projects closed by September 2022 (when the impact evaluation process began), their achievement levels, contribution to the Programme indicator framework, results and added value to the Programme results and result indicators
- Formulation of the first version of the draft report
- Meeting with the Evaluation Task Force, a Programme body responsible for the governance and implementation of the NWE evaluation plan, on behalf of the Programme Monitoring Committee
- Discussions over the first version of the draft report and agreement concerning additional materials

produced with the evaluation (result indicator analysis, project case studies).

The Evaluation Task Force has highlighted the need for the evaluation to not only prove the impact of the Programme within the thematic scope of the five Specific Objectives, but also focus on the Programme's contribution to the Europe 2020 objectives.

Name	Fund	From month	From year	To month	To year	Type of evaluation	Thematic objective	Topic	Findings
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5. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND MEASURES TAKEN

(a) Issues which affect the performance of the programme and the measures taken

Impact of Brexit

- In line with the withdrawal agreement of the UK from the EU applicable to the Structural Funds and so to the NWE programme, the UK partners continue to implement their NWE project activities and claim related expenditure. Their involvement in the projects was secured effectively by the withdrawal agreement and their project expenditure remains eligible till the end of the VB Programme.
- It should be noted that UK partners were eligible to apply for additional funding within the two Programme capitalisation calls, leading to project extensions in time and budget, but most importantly the increased impact on the Programme territory.

COVID-19 consequences

- Even though the Covid pandemic has faded away, the Programme authorities put a lot of effort into ensuring that the individual projects are carried out and that the impact for the Programme is minimized. In particular, the Programme focused on managing the ongoing delays in the implementation of funded projects, noticeable in the majority of them. In particular, the projects working with supply chains or where investments required construction material (such as timber for instance) or import of components/devices from outside of the EU were subjects to delays and consequent project modifications to end-dates. Testing phases of Programme solutions as well as demonstration pilots were often affected by the Covid-19 pandemic, which led, in many cases, to changes monitoring phases of project pilots, often essential to validate project results. This requirement for monitoring led to time extensions for many projects, as a sufficient length for these project phases needed to be ensured. As a result, 62 projects were extended time wise (6-12 month extensions in average), in order to be fully implemented thematically, investment and its follow-up, but also indicator wise. Many projects also received additional ERDF budget (19 projects) as extended delivery in time was often related to additional costs incurred by beneficiaries due to extended timeframes.
- Knowing that many project partners, in particular private ones, found themselves in financial difficulty in the pandemic times, a lot of stress was put by the NWE JS, MA and CA on the timely processing of the project progress reports and financial claims. This was done in order to ensure that the project partners are paid in time for their activities and that the participation in the NWE-funded projects has no negative impact on their cashflow.
- The impact of the pandemic is hence not noticeable on the project output indicator contributions to the Programme. Even though the projects encountered delays, their target indicator values remain, in the vast majority of cases, unchanged.

Programme Monitoring

- As reported previously, the NWE implementation and monitoring is a default item on the Programme Monitoring Committee agenda. The monitoring encompasses the thematic and financial aspects of the Programme Priorities and individual Specific Objectives.
- The project scorecard, covering all projects implemented by NWE, is regularly reviewed and presented

to the Programme Monitoring Committee. The tool has been used by the Programme since 2017 and is regularly updated with the project achievement profile gathered from the individual project progress reports and quality appraisals. In this way, the Programme authorities gain knowledge about the global risk level individual projects represent. In 2022, most projects were considered risk low or medium, mainly due to the end-date extensions described below. Two projects MegaAWE and FCCP were considered risk-high. The reasons for their risk level varied, from investment and output delivery delays or technology delivery issues and shortened piloting time, as well as low spending levels.

- The risk of decommitment was also discussed at MC23 (September 2022) and at MC25 (April 2023). Based on the assumption that projects will reach in average a 90% execution rate, the decommitment at the end of the NWE Programme is estimated to reach EUR 15 million ERDF, which represents a 95% execution rate at Programme level thanks to the 8% overcommitment agreed by the Monitoring Committee. The MC agreed also to give the possibility for approved projects to prolong their end date until 31 December 2023 (27 projects will end in the last quarter of 2023) to give them the opportunity to fully implement their actions and investments, hence reducing the decommitment risk at Programme level. A letter was sent by the Programme Director in March 2023 to all running projects reminding them the tight calendar and their obligation to submit their final progress report by the end date of the project.

An ongoing follow-up of projects' achievements (both on content and finance) is made by the Secretariat. To date (29 May 2023), the execution rate of the already 32 closed projects is at 93%, which is better than the initial assumption and shows that the NWE Programme should have a limited decommitment at closure.

At this moment in time, the NWE authorities cannot yet estimate the impact of the war in Ukraine on the Programme. It is however important to mention that several projects have echoed the issue of prices of raw materials increasing (timber, steel, etc) and inflation of the cost of energy and wages in general.

(b) OPTIONAL FOR LIGHT REPORTS, otherwise it will be included in point 9.1. An assessment of whether progress made towards targets is sufficient to ensure their fulfilment, indicating any remedial actions taken or planned, where appropriate.

The NWE projects are highly relevant to the Programme Specific Objectives (SOs) and their individual intervention logics.

Within the monitoring process, the Programme introduced final quality appraisals taking place 6 months before the project closure. 22 projects were closed by end 2022 and hence 22 final appraisals carried out demonstrating the projects' real contribution to the Programme and the NWE territory.

The final appraisals are particularly important in demonstrating impact as they tackle the most strategic project and Programme aspects. They not only ensure that the project implementation has been aligned with the application form and the project achievement profile satisfactory. They also breach the gap between the regular project monitoring (progress in the delivery) and Programme evaluation (project impact and hence contribution to the Programme impact) providing additional and useful information.

The final appraisals have tackled:

- The alignment of the project with its context in the course of implementation (for instance political, economic, technological, etc.)
- Project impact on the territory, additional benefits brought, in addition to the “regular” project results, including those for the project partners, end-users or society at large
- The actual territorial relevance to the NWE area and its evolving context
- Reduction of regional disparities and the ways projects contribute to this process
- Project alignment with the Programme, including the target groups of individual Specific Objectives, results and result indicators of these Specific Objectives
- Project contribution to the Programme cohesion indicators defined in the course of the Programme

The outcome of the final project appraisal process carried out until the end of 2022 showed:

- High relevance of the projects to the territorial issues tackled (proved tangibly in the course of implementation)
- High project achievement profile, with the projects delivering, in real life, their expected outputs and results
- Projects clearly demonstrating their tangible contribution not only to the broad Specific Objectives (SOs) under which they were approved, but also the individual results and result indicators of the SOs
- Projects delivering additional results to those initially planned in their application forms (tackled by the programme due to the “benefits management” approach introduced in NWE upon the initiative of the UK in the programming stage)
- Additional input to the two axes of territorial cohesion tackled by the programme (competitiveness and balanced development), grasped by the chosen “cohesion indicators”.

It should be noted that the final appraisals play an important role in the final Programme impact evaluation, launched in the second half of 2022 and further evaluated on in section 4 of this report.

Last but not least, it should be noted that, in the framework of the programme capitalisation strategy, NWE has developed various tools and activities aiming to maximise the impact of project results achieved up to now. Among these different initiatives, calls for capitalisation open to all approved projects were approved by the Monitoring Committee in June 2019. The calls for capitalisation were developed to support project results that showed a particularly strong potential to be rolled-out or taken up beyond the initial goals. The two calls for capitalisation (in 2020 and 2021) therefore substantially enhanced the programme's impact in a cost-efficient way.

6. CITIZEN'S SUMMARY (ARTICLE 50(9) OF REGULATION (EU) NO 1303/2013)

A citizen's summary of the contents of the annual and the final implementation reports shall be made public and uploaded as a separate file in the form of annex to the annual and the final implementation report

You can upload/find the Citizen's summary under General > Documents

7. REPORT ON THE IMPLEMENTATION OF FINANCIAL INSTRUMENTS (ARTICLE 46 OF REGULATION (EU) No 1303/2013)

8. PROGRESS IN PREPARATION AND IMPLEMENTATION OF MAJOR PROJECTS AND JOINT ACTION PLANS (ARTICLE 101(H) AND ARTICLE 111(3) OF REGULATION (EU) NO 1303/2013 AND ARTICLE 14(3)(B) OF REGULATION (EU) NO 1299/2013)

8.1. Major projects

Table 7: Major projects

Project	CCI	Status of MP	Total investments	Total eligible costs	Planned notification/submission date	Date of tacit agreement/ approval by Commission	Planned start of implementation	Planned completion date	Priority Axis/ Investment priorities	Current state of realisation — financial progress (% of expenditure certified to Commission compared to total eligible cost)	Current state of realisation — physical progress Main implementation stage of the project	Main outputs	Date of signature of first works contract (1)	Observations
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(1) In the case of operations implemented under PPP structures the signing of the PPP contract between the public body and the private sector body (Article 102(3) of Regulation (EU) No 1303/2013).

Significant problems encountered in implementing major projects and measures taken to overcome them

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Any change planned in the list of major projects in the cooperation programme

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8.2. Joint action plans

Progress in the implementation of different stages of joint action plans

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Table 8: Joint action plans (JAP)

Title of the JAP	CCI	Stage of implementation of JAP	Total eligible costs	Total public support	OP contribution to JAP	Priority axis	Type of JAP	[Planned] submission to the Commission	[Planned] start of implementation	[Planned] completion	Main outputs and results	Total eligible expenditure certified to the Commission	Observations
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Significant problems encountered and measures taken to overcome them

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**9. ASSESSMENT OF THE IMPLEMENTATION OF THE COOPERATION PROGRAMME
(ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013 AND ARTICLE 14(4) OF REGULATION (EU) NO
1299/2013)**

**9.1 Information in Part A and achieving the objectives of the programme (Article 50(4) of
Regulation (EU) No 1303/2013)**

Priority axis	1 - INNOVATION
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Priority axis	2 - LOW CARBON
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Priority axis	3 - RESOURCE AND MATERIALS EFFICIENCY
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Priority axis	4 - TECHNICAL ASSISTANCE
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9.2. Specific actions taken to promote equality between men and women and to promote non-discrimination, in particular accessibility for persons with disabilities, and the arrangements implemented to ensure the integration of the gender perspective in the cooperation programme and operations (Article 50(4) of Regulation (EU) No 1303/2013 and Article 14(4), subparagraph 2, (d) of Regulation (EU) No 1299/2013)

An assessment of the implementation of specific actions to take into account the principles set out in Article 7 of Regulation (EU) No 1303/2013 on promotion of equality between men and women and non-discrimination, including, where relevant, depending on the content and objectives of the cooperation programme, an overview of specific actions taken to promote equality between men and women and to promote non-discrimination, including accessibility for persons with disabilities, and the arrangements implemented to ensure the integration of the gender perspective in the cooperation programme and operations

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9.3.Sustainable development (Article 50(4) of Regulation (EU) No 1303/2013 and Article 14(4), subparagraph 2, (e) of Regulation (EU) No 1299/2013)

An assessment of the implementation of actions to take into account the principles set out in Article 8 of Regulation (EU) No 1303/2013 on sustainable development, including, where relevant, depending on the content and objectives of the cooperation programme, an overview of the actions taken to promote sustainable development in accordance with that Article

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9.4. Reporting on support used for climate change objectives (Article 50(4) of Regulation (EU) No 1303/2013)

Calculated amount of support to be used for climate change objectives based on the cumulative financial data by category of intervention in Table 7

Priority axis	Amount of support to be used for climate change objectives (EUR)	Proportion of total allocation to the operational programme (%)
2	183,339,691.05	102.67%
3	24,423,078.95	30.89%
Total	207,762,769.99	52.45%

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9.5 Role of partners in the implementation of the cooperation programme (Article 50(4) of Regulation (EU) No 1303/2013 and Article 14(4), subparagraph 1, (c) of Regulation (EU) No 1299/2013)

Assessment of the implementation of actions to take into account the role of partners referred to in Article 5 of Regulation (EU) No 1303/2013, including involvement of the partners in the implementation, monitoring and evaluation of the cooperation programme

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10. OBLIGATORY INFORMATION AND ASSESSMENT ACCORDING TO ARTICLE 14(4), SUBPARAGRAPH 1 (A) AND (B), OF REGULATION (EU) No 1299/2013

10.1 Progress in implementation of the evaluation plan and the follow-up given to the findings of evaluations

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Status	Name	Fund	Year of finalizing evaluation	Type of evaluation	Thematic objective	Topic	Findings (in case of execution)	Follow up (in case of execution)
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10.2 The results of the information and publicity measures of the Funds carried out under the communication strategy

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11. ADDITIONAL INFORMATION WHICH MAY BE ADDED DEPENDING ON THE CONTENT AND OBJECTIVES OF THE COOPERATION PROGRAMME (ARTICLE 14(4), SUBPARAGRAPH 2 (A), (B), (C) AND (F), OF REGULATION (EU) No 1299/2013)

11.1. Progress in the implementation of the integrated approach to territorial development, including integrated territorial investments, sustainable urban development, and community led local development under the cooperation programme

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11.2 Progress in implementation of actions to reinforce the capacity of authorities and beneficiaries to administer and to use the ERDF

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11.3 Contribution to macro-regional and sea basin strategies (where appropriate)

As stipulated by the Regulation (EU) No 1299/2013, recital 19, article 8(3)(d) on the "Content, adoption and amendment of cooperation programmes" and article 14(4) 2nd subparagraph (c) "Implementation reports", this programme contributes to MRS(s) and/or SBS:

- EU Strategy for the Baltic Sea Region (EUSBSR)
- EU Strategy for the Danube Region (EUSDR)
- EU Strategy for the Adriatic and Ionian Region (EUSAIR)
- EU Strategy for the Alpine Region (EUSALP)
- Atlantic Sea Basin Strategy (ATLSBS)

11.4 Progress in the implementation of actions in the field of social innovation

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13. SMART, SUSTAINABLE AND INCLUSIVE GROWTH

Information and assessment of the programme contribution to achieving the Union strategy for smart, sustainable and inclusive growth.

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14. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND MEASURES TAKEN — PERFORMANCE FRAMEWORK (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013)

Where the assessment of progress made with regard to the milestones and targets set out in the performance framework demonstrates that certain milestones and targets have not been achieved, Member States should outline the underlying reasons for failure to achieve these milestones in the report of 2019 (for milestones) and in the final implementation report (for targets).

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DOCUMENTS

Document title	Document type	Document date	Local reference	Commission reference	Files	Sent date	Sent By
Citizens' summary	Citizens' summary	30-May-2023			Citizens Summary		

Severity	Code	Message
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 365.62% of the annual total value entered for "S" (forecast from selected) for priority axis: 2, investment priority: 7c, indicator: 4.06, year: 2019. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 365.62% of the annual total value entered for "S" (forecast from selected) for priority axis: 2, investment priority: 7c, indicator: 4.06, year: 2020. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 533.25% of the annual total value entered for "S" (forecast from selected) for priority axis: 2, investment priority: 7c, indicator: CO34, year: 2022. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 90,507.19% of the annual total value entered for "S" (forecast from selected) for priority axis: 2, investment priority: 4f, indicator: 3.04, year: 2021. Please check.