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EUROPEAN UNION

LUCI ASSOCIATION

The need for stronger collaboration in urban lighting

Mark Burton-Page

General Director, LUCI Association

Sustainability of smart urban lighting.

Energy Efficiency

Digitalisation

Better responding to needs of citizens

Services that add value to the Community

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No one light fits all.
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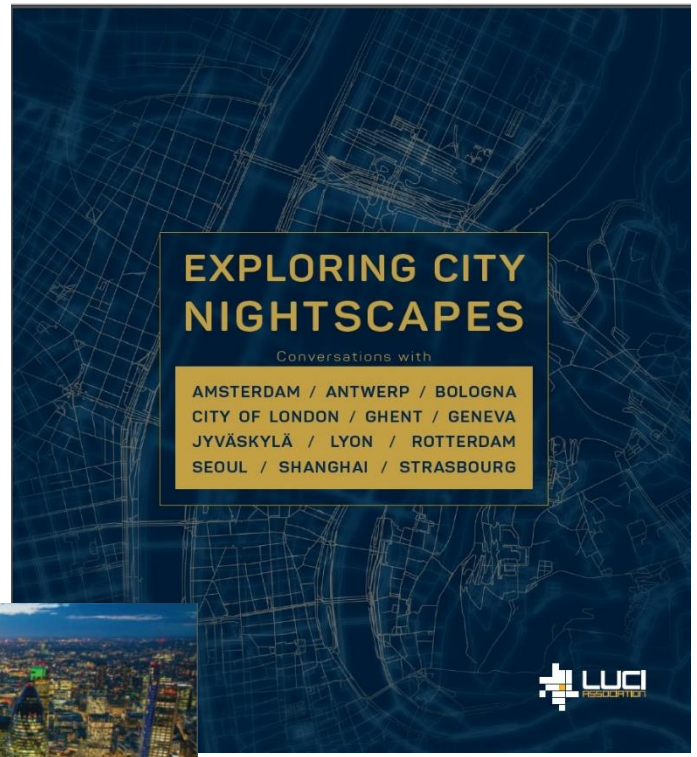
dam

Exploring City Nightscapes

- Explore the different approaches to developing city nightscapes worldwide

- Serve as a source of inspiration for other cities and urban lighting professionals



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12 interviewed cities

AMSTERDAM

ANTWERP

BOLOGNA

CITY OF LONDON

GENEVA

GHENT

JYVÄSKYLÄ

LYON

ROTTERDAM

SEOUL

SHANGHAI

STRASBOURG

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Light is political

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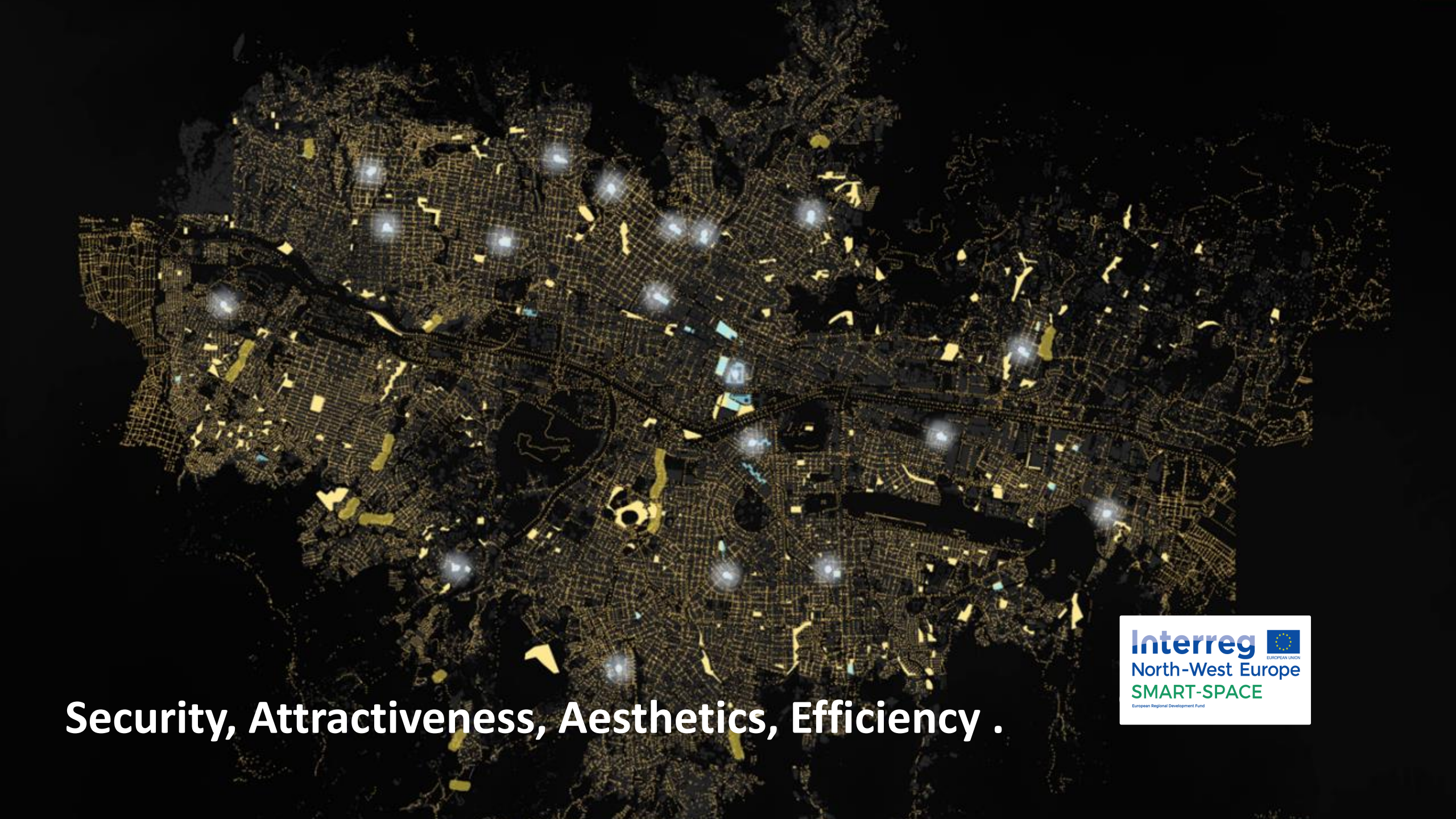
© M. Djaoui, City of Lyon



Security, Attractiveness, Aesthetics, Efficiency .

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Importance of outdoor spaces, parks and green spaces.

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New mobility.
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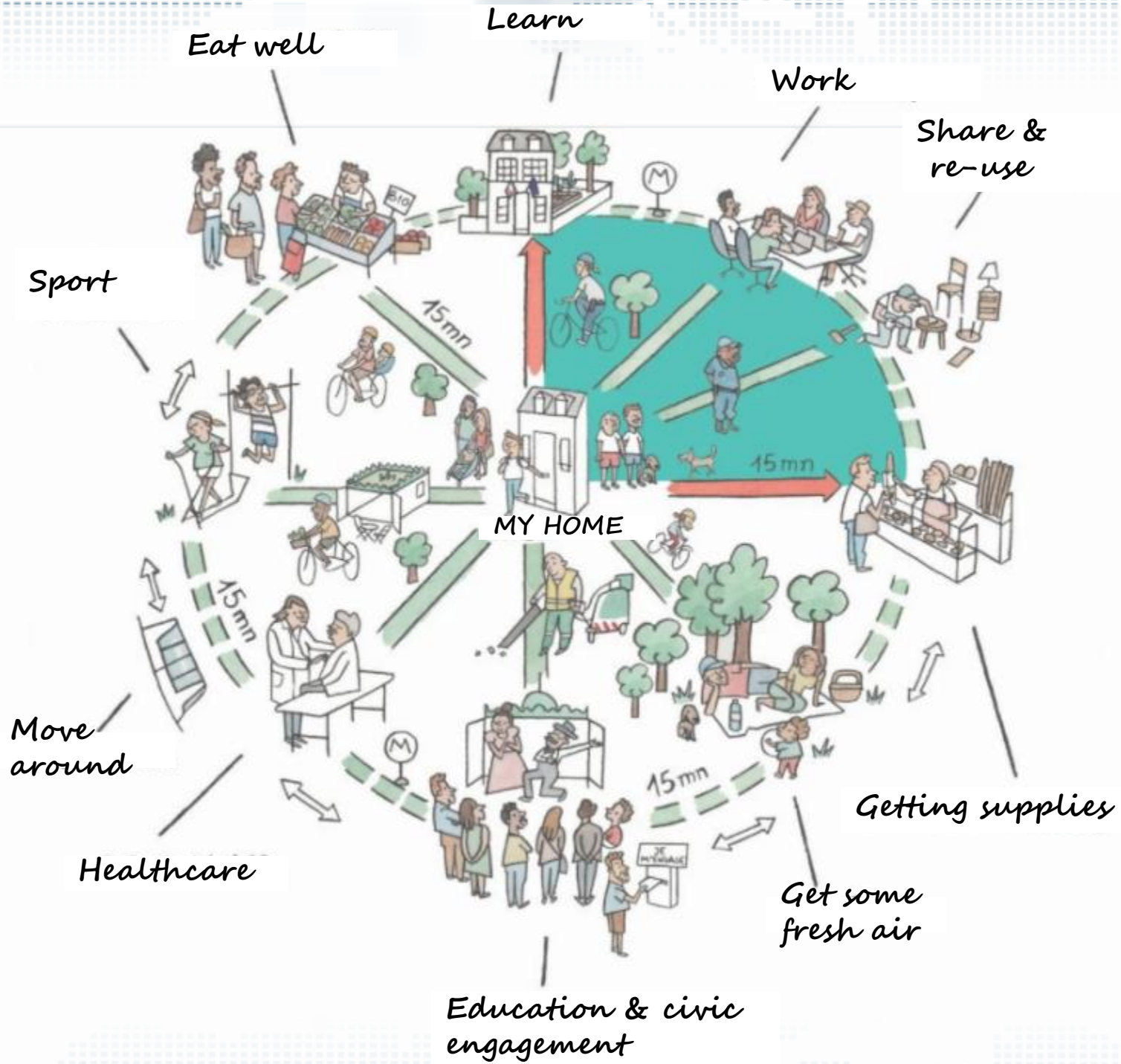

15 minute city- Super blocks.

© Paris en Commun, Image Credit Ubique

Pocket nightscapes.

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Good lighting accessible to all.

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Involve people with new participation methods.

© City of Copenhaguen

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New technologies can help cities to use light only when and where it is needed.

© City of Lyon
Photo: Michel Djaoui
Lighting Design: Coup d'Eclat

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/!\ Work in Progress /!\
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LUCI ASSOCIATION
Terje Rygh
McCormack, Kevin (DRS)
Rik van Stiphout
Daisy van Eijck-Nilwik
Johnston, Cath
TIGHANIMINE Khadija
Jessica Ferey
Marie Stotz
Tarmo Sulg
Outside your organisation

What is a smart city of you ?

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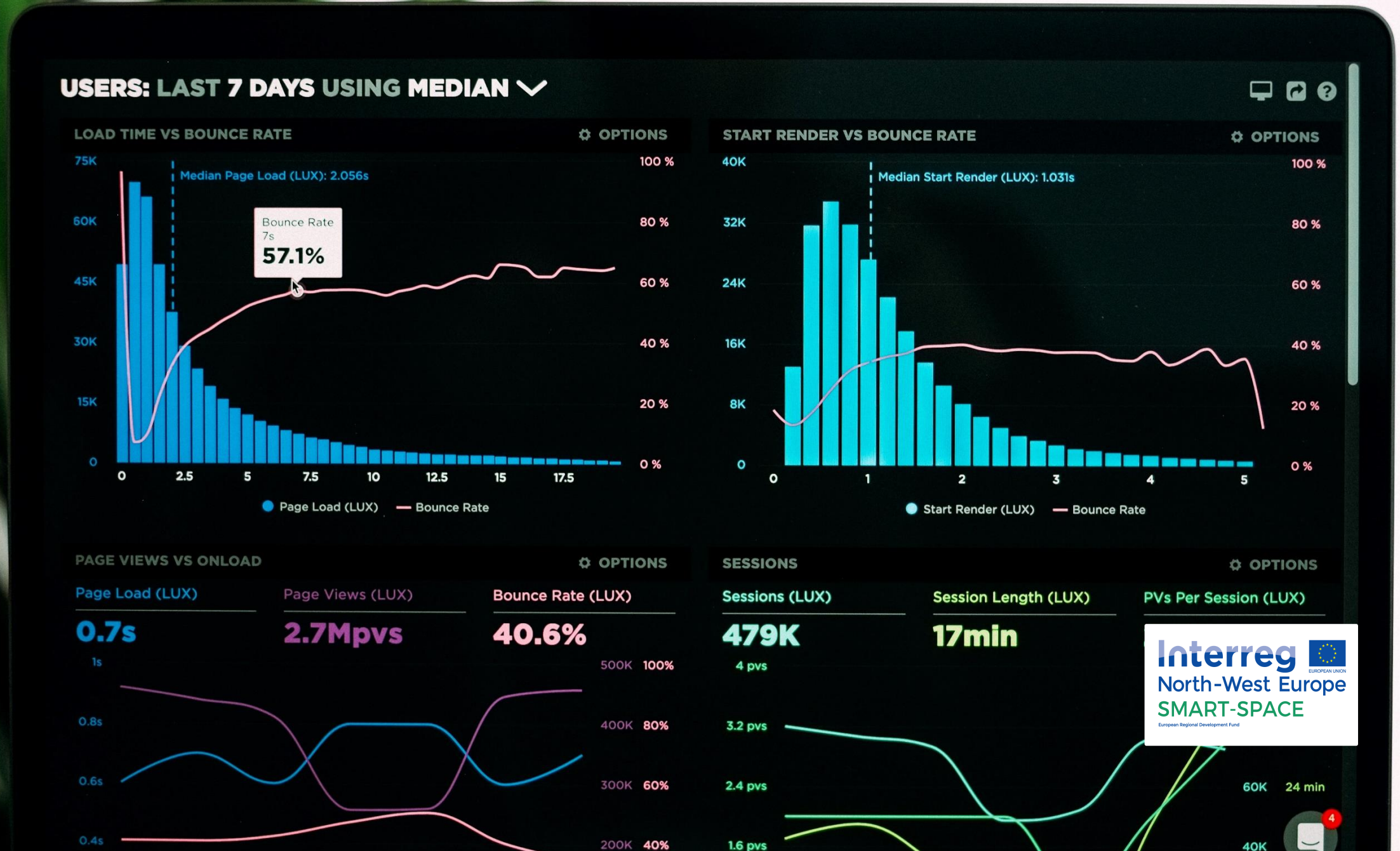
USERS: LAST 7 DAYS USING MEDIAN
LOAD TIME VS BOUNCE RATE
OPTIONS
Median Page Load (LUX): 2.056s
Bounce Rate
7s
57.1%
75K
60K
45K
30K
15K
0
100 %
80 %
60 %
40 %
20 %
0 %
0
2.5
5
7.5
10
12.5
15
17.5
Page Load (LUX)
Bounce Rate
START RENDER VS BOUNCE RATE
OPTIONS
Median Start Render (LUX): 1.031s
40K
32K
24K
16K
8K
0
100 %
80 %
60 %
40 %
20 %
0 %
0
1
2
3
4
5
Start Render (LUX)
Bounce Rate
PAGE VIEWS VS ONLOAD
OPTIONS
Page Load (LUX)
0.7s
Page Views (LUX)
2.7Mpvs
Bounce Rate (LUX)
40.6%
1s
0.8s
0.6s
0.4s
500K 100%
400K 80%
300K 60%
200K 40%
SESSIONS
OPTIONS
Sessions (LUX)
479K
Session Length (LUX)
17min
PVs Per Session (LUX)
4 pvs
3.2 pvs
2.4 pvs
1.6 pvs
60K 24 min
40K
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Data is Key.

Data Management

Privacy by design

Availability, collection, storage, ownership, analysis

Strategic impact on public policies

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We need to face it together.

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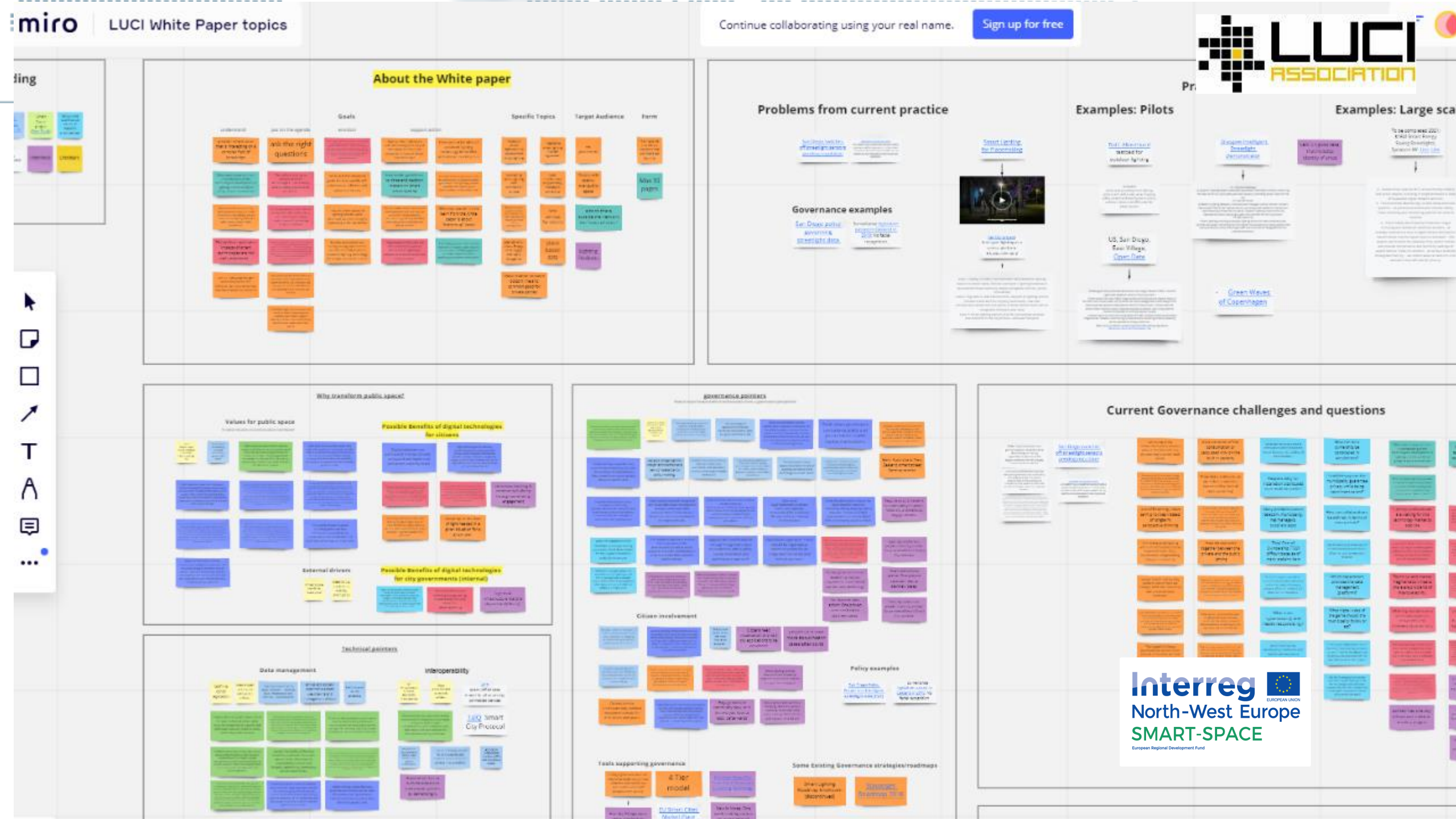
© Lena Oritsland City of Gothenburg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LUCI White Paper topics
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About the White paper
Goals
Specific Topics
Target Audience
Form
Problems from current practice
Examples: Pilots
Examples: Large sca
Governance examples
Why transform public space?
Values for public space
Possible Benefits of digital technologies for citizens
External drivers
Possible Benefits of digital technologies for city governments (internal)
Technical pointers
Data management
Interoperability
governance pointers
Citizen involvement
Policy examples
Tools supporting governance
4 Tier model
Some Existing Governance strategies/roadmaps
Current Governance challenges and questions
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What can YOU do ?

© Photo by Janus van den Eijnden – City of Amsterdam

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LUCI Hub

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- My Dashboard 1
- My Events
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- My Bookmarks

GROUPS & SPACES See All

- THE LUCI HUB
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- LUCI NETWORK
- LUCI PILLARS
- LUCIA KNOWLEDGE CENTRE
- **SMART-SPACE KNOWLEDGE CENTRE**
  - SmSp/ About & Welcome
  - SmSp/ Communities of Practice
  - SmSp/ Partners' workspace
  - SmSp/ Project updates
  - SmSp/ White paper Space
- Content Feed
- All content

LUCI Hub > Smart-Space Knowledge Centre

Smart-Space Knowledge Centre

SmSp/ About & Welcome

Welcome to the Smart-Space Knowledge Centre!

Joined 36 MEMBERS

SmSp/ Communities of Practice

The Smart-Space Knowledge Center is a collaborative place for cities to exchange information, success stories, questions and good practices on smart lighting.

Joined 36 MEMBERS

SmSp/ Partners' workspace

Exclusively for Smart-Space partners to share documents and engage discussions on the project.

Joined 36 MEMBERS

SmSp/ Project updates

All the updates on Smart-Space activities as they happen !

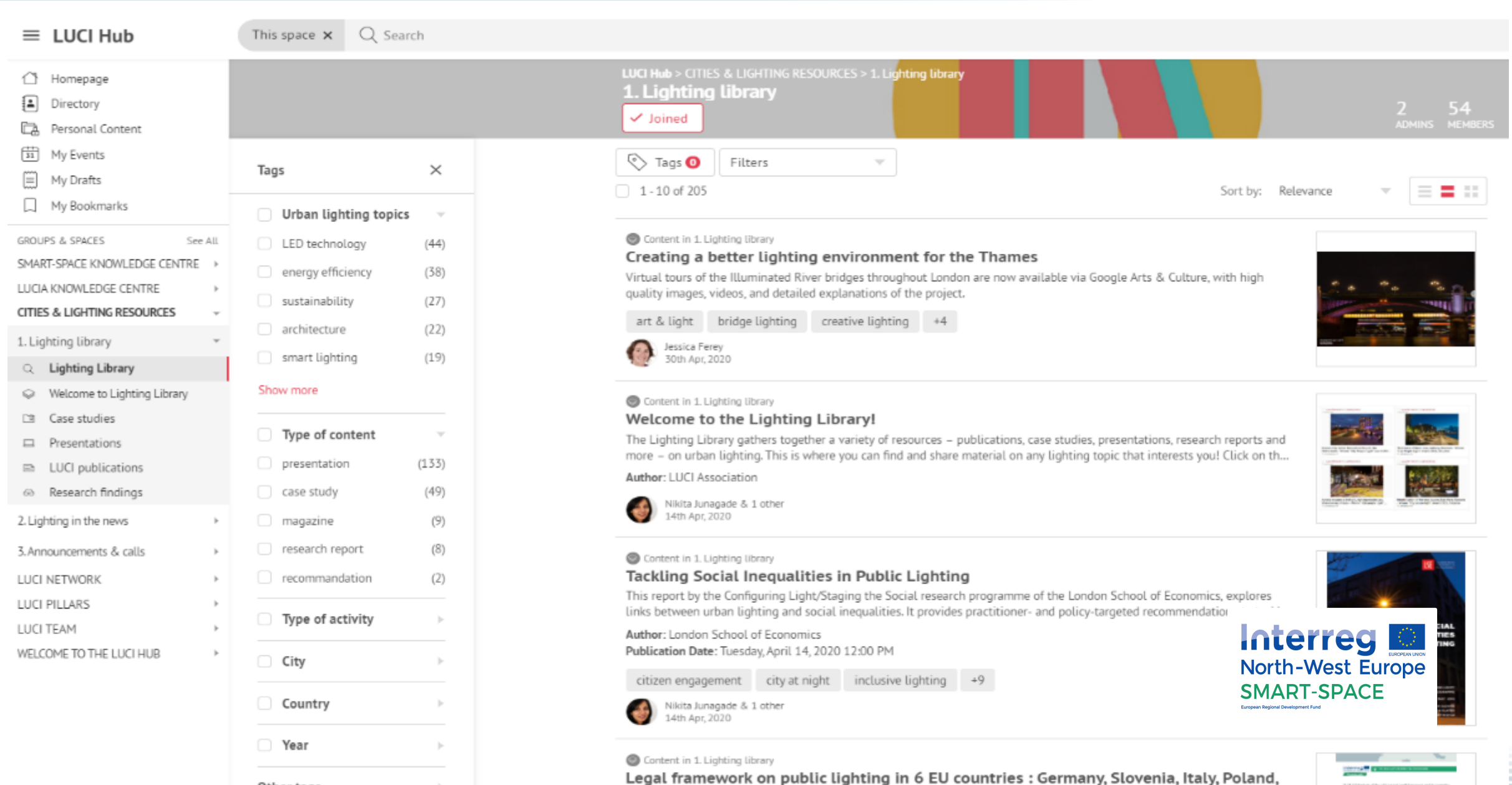
Joined 37 MEMBERS

SmSp/ White paper Space

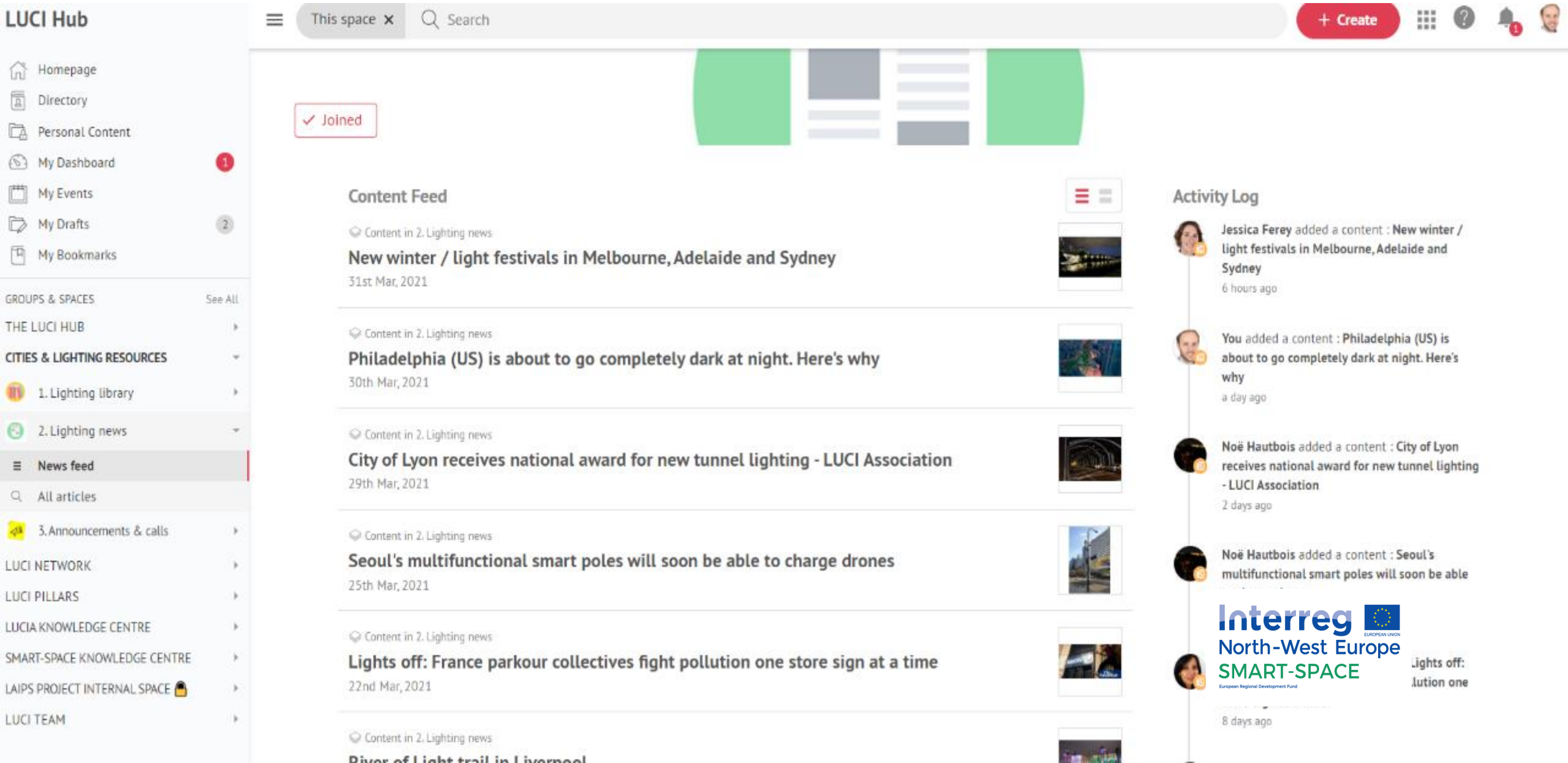
This is a private space for LUCI & Philip to collaborate on the White paper on smart urban lighting

Joined 13 MEMBERS

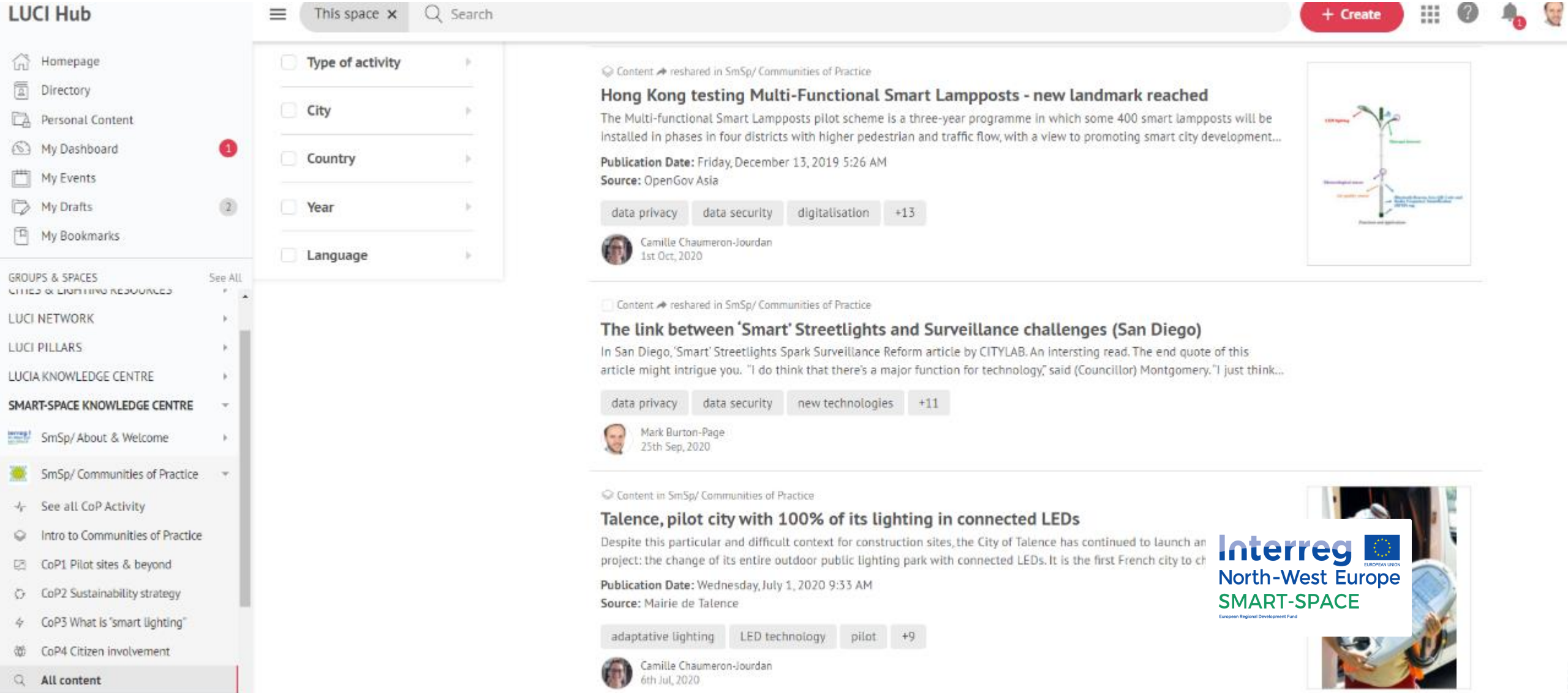
“Lighting Library”



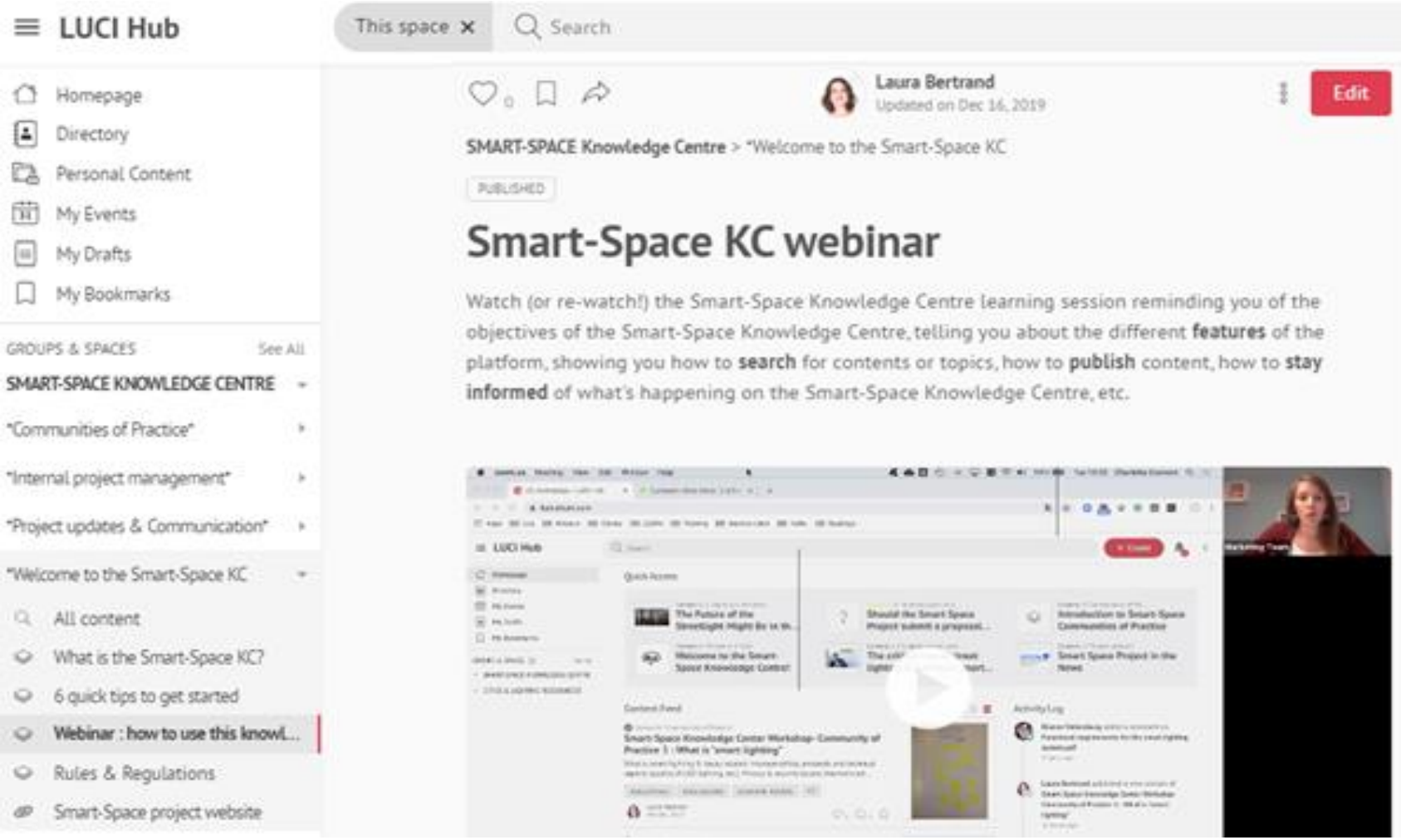
“Lighting in the News”



Share and access contents in each of the 4 **Communities of Practice** - CoPs



Smart Space KC - Webinar



This webinar enables you to:

- Understand the KC **features**;
- Learn how to **search for & publish** contents;
- Learn how to **like &** comment & receive feedback;

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The **mobile app** is tailor-made for easy, everyday use.

Learn & share on the go !

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What can **you** share ?

- **Articles** that you think are relevant
- **Documents** that explains your lighting strategy or lighting project
- **Write lessons learnt** on ongoing projects
- **A question** to the Community

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Thank you for your attention !

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