

Information literacy in Street Lighting Industry: Content curation with Scoop.it. ECIL 2017, St Malo

CMJ Faure

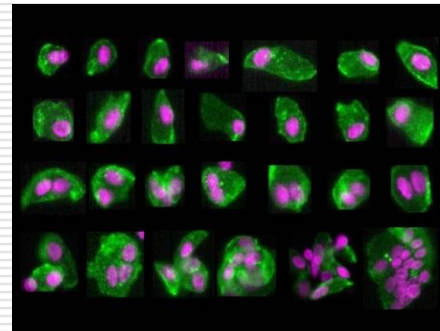
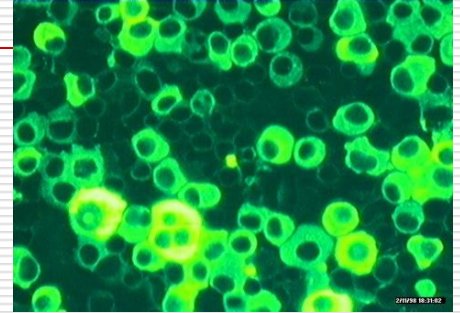


GC Faure

MD, PhD

Prof Immunology

Université Lorraine



2015
ANNÉE DE LA LUMIÈRE
EN
FRANCE

Street Lighting Industry:

An industrial « niche » with a major global impact

Some major companies (Philips, Thorn, CREE... Eclatec)

But many ..

Technological revolutions (LED, solar...)

Societal and environmental concerns

Worldwide globalization

Smart cities



Knowledge management and Information literacy remains poor

Before

Formal Communication on paper:
Books, Scientific journals

Informal communication: catalogs,
exhibitions;

Now

Internet

Company Websites

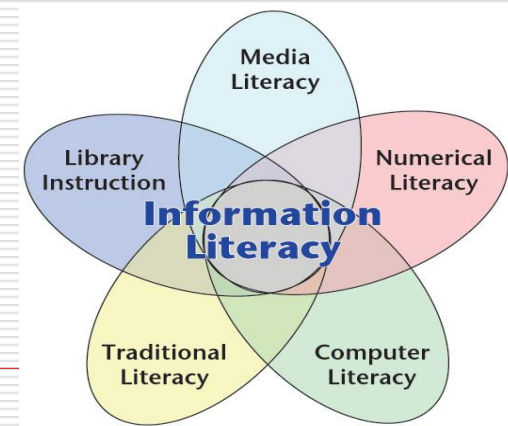
~~Social Networks (Twitter, Facebook,
Linkedin...)~~



CURATION for knowledge management

What is curation?

- A still recent concept
 - Many tools
 - **Scoop.it** Vs other tools
 - Experiences with Scoop.it in lighting
 - Other experiences for
 - Other fields of Research,
 - **Science mediation**
 - **Information literacy**
-



Content Hubs of Lighting information

open >4 years ago, curated everyday since

- **Lighting, Innovation, Design**
 - <http://www.scoop.it/t/lighting-innovation-design>
 - >5750 scoops, >5000 vis., **>9800 views**
 - **Lighting in Art**
 - <http://www.scoop.it/t/lighting-in-art>
 - >900 scoops, >2000 vis., >4000 views
 - **Lighting in History**
 - <http://www.scoop.it/t/lighting-in-history>
 - >900 scoops, >1000 vis., >1600 views
-

Lighting innovation Design

Technical watch



- **LEDs** >30%
- Implementation in cities everywhere

- **Solar** lighting (10%)
- Implementation in developing countries



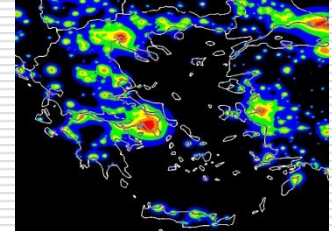
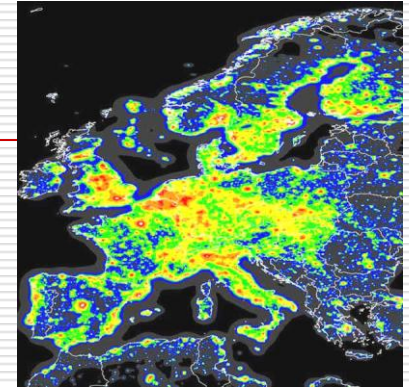
- Africa



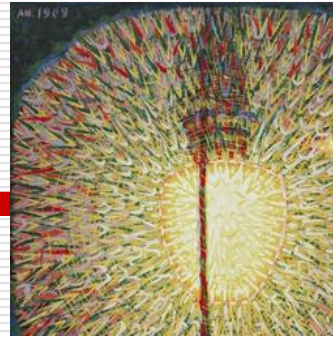
- **Smart** cities (>10%)

LIGHTING Innovation Design Societal Watch

- Costs of lighting (4%)
- Limiting light and security concerns
- Light pollution (4%)
- Ecology (moose, bats, turtles, birds..., pollinisation)



Lighting in Art



Paintings

Camille Pissaro 1897

Giacomo Balla 1909

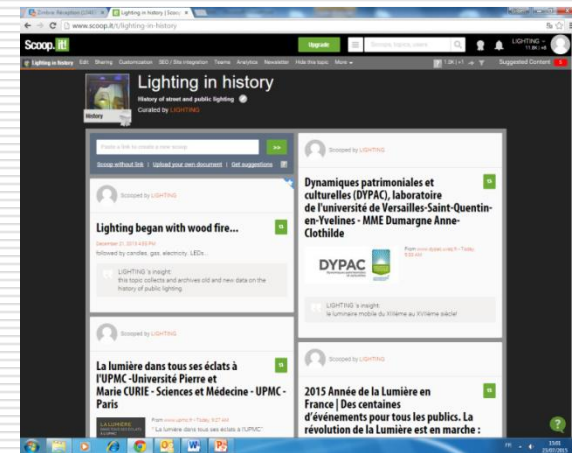


Lighting installations

Luminale... Festival of Lights!



LIGHTING in History



Antioch 450AD

Gas lights (75s)

From London 1807 to Berlin 2012



Edison (1879)

Lightbulbs (1901)

LEDs (from 1907 to futures...



Curation is for Open KM and IL



- **Teachers**
 - **Thought leadership** and life long learning
- » Trainees:
 - Basic training and **life long learning**
- **Collectivities**
 - Scientific Society, Academies
 - **Interest Networks:** ie GEIL, Coultry Club
 - Research Labs, Units,
 - **Companies**, with UtoB (University to Business) opportunities?

Acknowledgments

- Université Lorraine, CREM
- G Decugis and M Rougier
 - *For fruitful discussions*
- Other « Light » scoopiters : ecoInsight, Dean Ernst, Cindy Foster Warthen
- « Light » Facebook friends: Leni Schwendinger, Light Zoom Lumière, Luminapolis



2015
ANNÉE DE LA LUMIÈRE
EN
FRANCE

- *For sharing information*
- LIGHTING curated resources were labelled by « Comité National Lumière 2015» and belong to Lumière et Société project as 2017