

DISSEMINATION ACTIVITES

READY – Workshop #6 Paris 4-5th May 2017

Soraya Molinero, LGi

DISSEMINATION ACTIVITIES

- New website design
- Brochure cards available for partners
- Stickers for EV chargers in Aarhus



Conferences

Smart Energy Systems

26-29



SR Low-Carbon Cities Conference

Edinburgh, 22 February 2017



Articles



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READY Project Uses Innovative Photovoltaic Modules Developed by the Danish Company RACell

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SCIS HUB

4 JP Aarhus | Fredag den 3. marts 2017



»Det bliver ligesom at flytte ind i en helt ny lejlighed«

Renovering: Seks boligblokke i Trigeparken skal næste år totalrenoveres. De istandsatte lejligheder, der bl.a. får EU-støtte til solceller på tagene, skal i højere grad tiltrække børnefamilier, studerende og beboere, der er på arbejdsmarkedet. I mellemtiden kan de nuværende beboere se frem til en solid opgradering.

OSKAR ZACH

www.jppn.dk

I vil med Rosenhøj til en række boligblokke. Trigeparken ligger i den vestlige del af Aarhus. Senest 2018 bliver tre opgangsrettede 12 lejlighedsblokke med, mens de resterende seks boligblokke med i alt 163 lejligheder bliver istandsat. Boligforeningen Trigeparken har efter 13 måneders forhandlingssag fået punktvist af Aarhus Kommune og Boligministeriet til at pålægge boligforeningen at istandsætte seks boligblokke. Kommunen har efter 13 måneders forhandlingssag fået punktvist af Aarhus Kommune og Boligministeriet til at pålægge boligforeningen at istandsætte seks boligblokke. Kommunen har efter 13 måneders forhandlingssag fået punktvist af Aarhus Kommune og Boligministeriet til at pålægge boligforeningen at istandsætte seks boligblokke.

«Renoveringsprojektet skal ses i lyset af, at vi var kommet på ghettolisten. Med vores boligblokke og de boliglokaliteter og lejligheder der er i området vil vi se mere attraktivt ud,« siger Palle Jørgensen. Boplyens grænse er udefineret, og det er derfor ikke muligt at sige, hvor stor den endelige udgifter bliver. «Det bliver ligesom at flytte ind i en helt ny lejlighed», siger Palle Jørgensen. Tiltaks nye beboere Selvom området blev taget af ghettolisten, har Jørgensen i dag stadig et beboeransvar for omkring 150 lejligheder, der er på arbejdsmarkedet. Han forventer, at de istandsatte lejligheder vil tiltrække flere familier og studerende. «Det er som at flytte ind i en helt ny lejlighed», siger Palle Jørgensen. «Det er som at flytte ind i en helt ny lejlighed», siger Palle Jørgensen.

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5 JP Aarhus | Fredag den 3. marts 2017



Den elghævede ligeholder på Trigeparken. Cowi har lavet denne illustration af vestensiden i juletid. Illustration: Rolf Jørgensen, Rolf Jørgensen/Cowi



Østhusene i Trigeparken bliver Høje-Cowi kommer til at se arbejdet. Illustration: Rolf Jørgensen, Rolf Jørgensen/Cowi

Trigeparken er et af de 12 projekter, der er udvalgt til at blive istandsat i løbet af 2017. Illustration: Rolf Jørgensen, Rolf Jørgensen/Cowi

RENOVERING

Trigeparken
De otte bygninger i Trigeparken er et af de 12 projekter, der er udvalgt til at blive istandsat i løbet af 2017. Kommunen har efter 13 måneders forhandlingssag fået punktvist af Aarhus Kommune og Boligministeriet til at pålægge boligforeningen at istandsætte seks boligblokke. Kommunen har efter 13 måneders forhandlingssag fået punktvist af Aarhus Kommune og Boligministeriet til at pålægge boligforeningen at istandsætte seks boligblokke.



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2017 EVENTS

Scottish Renewables: Low-Carbon Cities Conference (22nd February, Edinburgh)

Jan Johansson from Växjö Municipality was one of the participants

The image shows a banner for the 'SR Low-Carbon Cities Conference'. The banner is split into two main sections. The left section is a solid light purple color with the text 'SR Low-Carbon Cities Conference' in black. The right section is a darker purple color with a semi-transparent image of a cityscape, likely Edinburgh, overlaid on it. The text 'Edinburgh, 22 February 2017' is centered below the main title.

SR Low-Carbon Cities Conference

Edinburgh, 22 February 2017

2017 EVENTS

Building Green Aarhus (29-30th March)

Kirsten Dyhr-Mikkelsen from AffaldVarme Aarhus and Pia Kvorning from COWI represented the READY-project at the sustainability fair “Building Green” on 29.-30 March 2017 in Aarhus.



DISSEMINATION ACTIVITIES BY LGI

2017

31
January

*Article for SDG
Knowledge Hub
« [Green business
models for smart
cities in EU](#) »*

- ✓ Submitted
- ✓ Accepted
- ✓ Available on the website

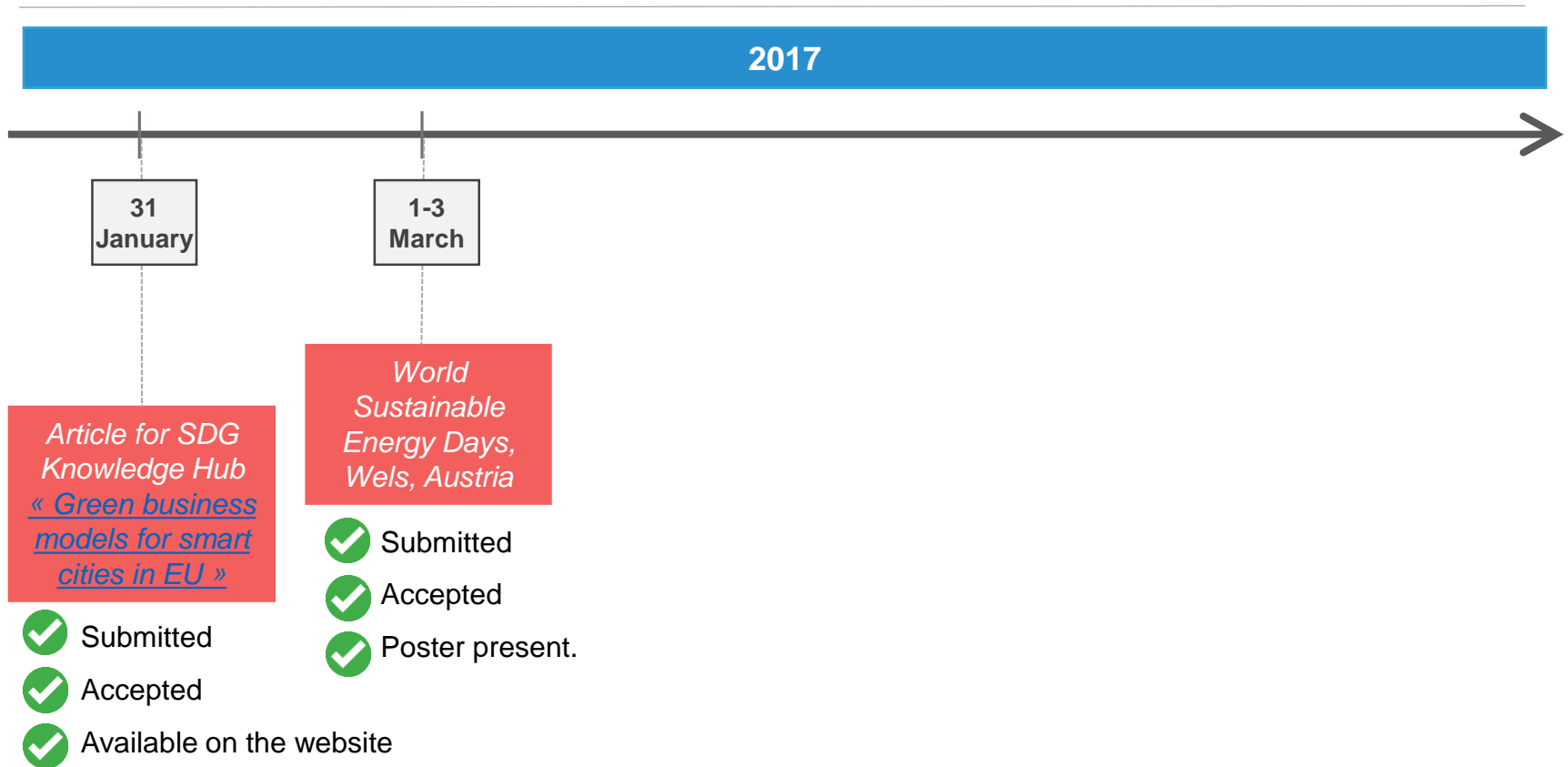
SDG KNOWLEDGE HUB

Online resource center for news and commentary regarding the implementation of the United Nations' 2030 Agenda for Sustainable Development


[Article here](#)

The screenshot shows the SDG Knowledge Hub website interface. At the top left is the IISD logo and the text 'SDG KNOWLEDGE HUB A project by IISD'. To the right is a navigation menu with links for NEWS, COMMENTARY (with a dropdown arrow), EVENTS, ACTORS, REGIONS, SDGS, and a search icon. Below the navigation is a large article header. On the left side of the header is a circular profile picture of Soraya Molinero, followed by her name 'SORAYA MOLINERO', her title 'Innovation Strategy Consultant, LGi Consulting', and the date '31 January 2017'. Below this is a 'SHARE THIS' section with icons for Twitter, Facebook, Google+, and Pinterest. The main title of the article is 'Green Business Models: The Key Enabler for Smart Cities in Europe' in a large, bold, dark blue font. At the bottom of the article header is a wide photograph of a modern urban development featuring a prominent red-roofed structure, possibly a transit station or a public building, with other buildings and greenery in the background.


DISSEMINATION ACTIVITIES BY LGI



WORLD SUSTAINABLE ENERGY DAYS



Green Business Models for an electrical integrated solution in buildings



OBJECTIVE & FOCUS

The READY project aims at developing and implementing creative technical solutions that increase buildings' energy efficiency and reduce the needs for fossil fuels. To succeed in the transition towards sustainability, not only new technologies are required but new patterns of consumption must be adopted and new financing mechanisms and business models must be implemented. The concept of Green Business Models tackles this issue by proposing business models that deliver value to customers while encouraging sustainability, a reduction of resource use/waste and promoting environmental benefits.

Demonstration sites

Aarhus, DENMARK

- A total of 41,425m² of social housing area (418 apartments)
- 2,000m² of administrative building
- 1,000-20,000m² private residential houses (approximately 80)

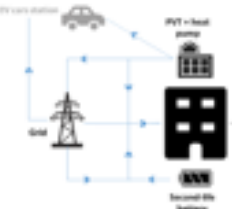
Väga, SWEDEN

- A total of 11,000m² of multi-family houses (118 apartments)
- 11,100m² office building

Innovative integrated solution


Production, monitoring and storage of electricity at building level

- Photovoltaic-thermal (PVT) panel
- Heat pumps
- Second-life batteries
- Smart meters
- EV charging stations



GREEN BUSINESS MODELS

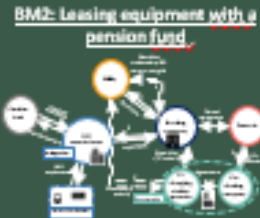
BM1: Selling equipment



The PVT manufacturer acts as the integrator and sells the solution to the building owner.
Risk: 12-18 years

Advantages	Drawbacks
<ul style="list-style-type: none"> Lower electricity bill Low storage High flexibility with batteries 	<ul style="list-style-type: none"> High upfront investment Performance risk
<ul style="list-style-type: none"> Less involvement after the sale 	<ul style="list-style-type: none"> Strong competition with a differentiated technological

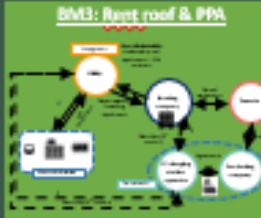
BM2: Leasing equipment with a pension fund



The integrator of the integrated solution is the PVT manufacturer. The pension fund leased to the building owner.
Risk: 12-18 years

Advantages	Drawbacks
<ul style="list-style-type: none"> Low high upfront investment Lower electricity bill 	<ul style="list-style-type: none"> Long term contract Performance risk
<ul style="list-style-type: none"> Larger number of potential customers Low involvement 	<ul style="list-style-type: none"> Needs important working capital in financing strategy Management risk

BM3: Rent roof & PPA




The utility acts as integrator. The building owner rents the roof and the utility provides PVT panels, battery and smart meters.
Risk: 14 years


Advantages	Drawbacks
<ul style="list-style-type: none"> High upfront investment but an incentive Lower electricity bill 	<ul style="list-style-type: none"> Long term contract
<ul style="list-style-type: none"> Larger number of potential customers Low involvement Less competition from PVT providers Equipment at lower cost 	<ul style="list-style-type: none"> Performance risk Financial risk Medium risk to track first cohort of customers to be viable

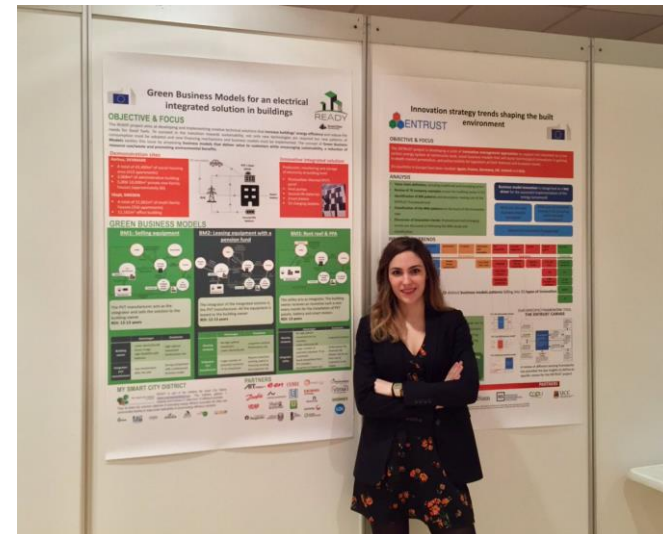
MY SMART CITY DISTRICT

READY is part of the Initiative for Smart City District (ISCSD). This initiative gathers stakeholders and creates 20 pilot Smart City Districts. They all share the common objective of providing energy efficient solutions for cities and communities leading to a greener and more sustainable future.

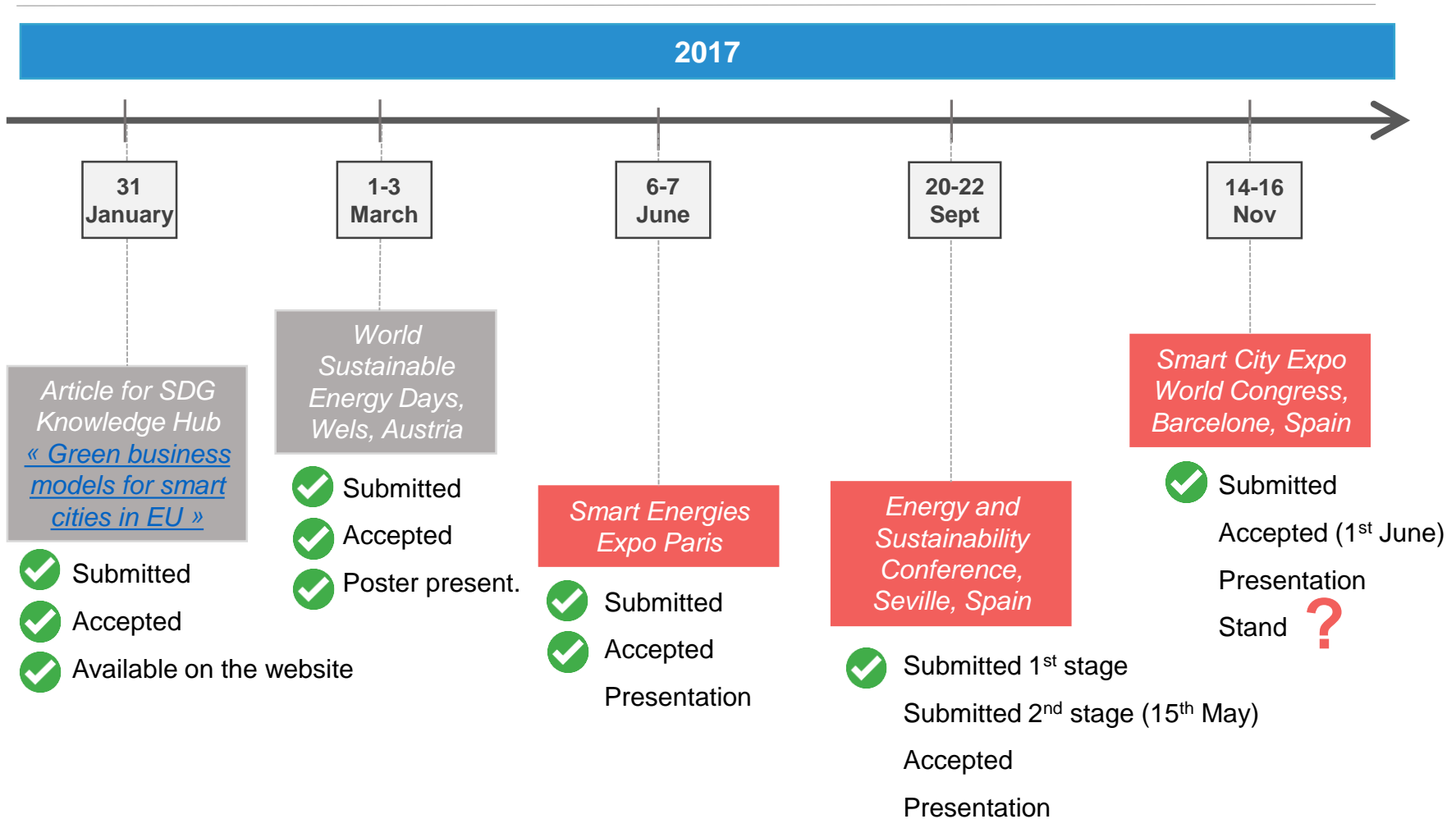
PARTNERS



- Poster presentation
- Paper for next year?
- Expected to use the poster for other conferences
- Communication → twitter 



DISSEMINATION ACTIVITIES BY LGI



THANK YOU

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