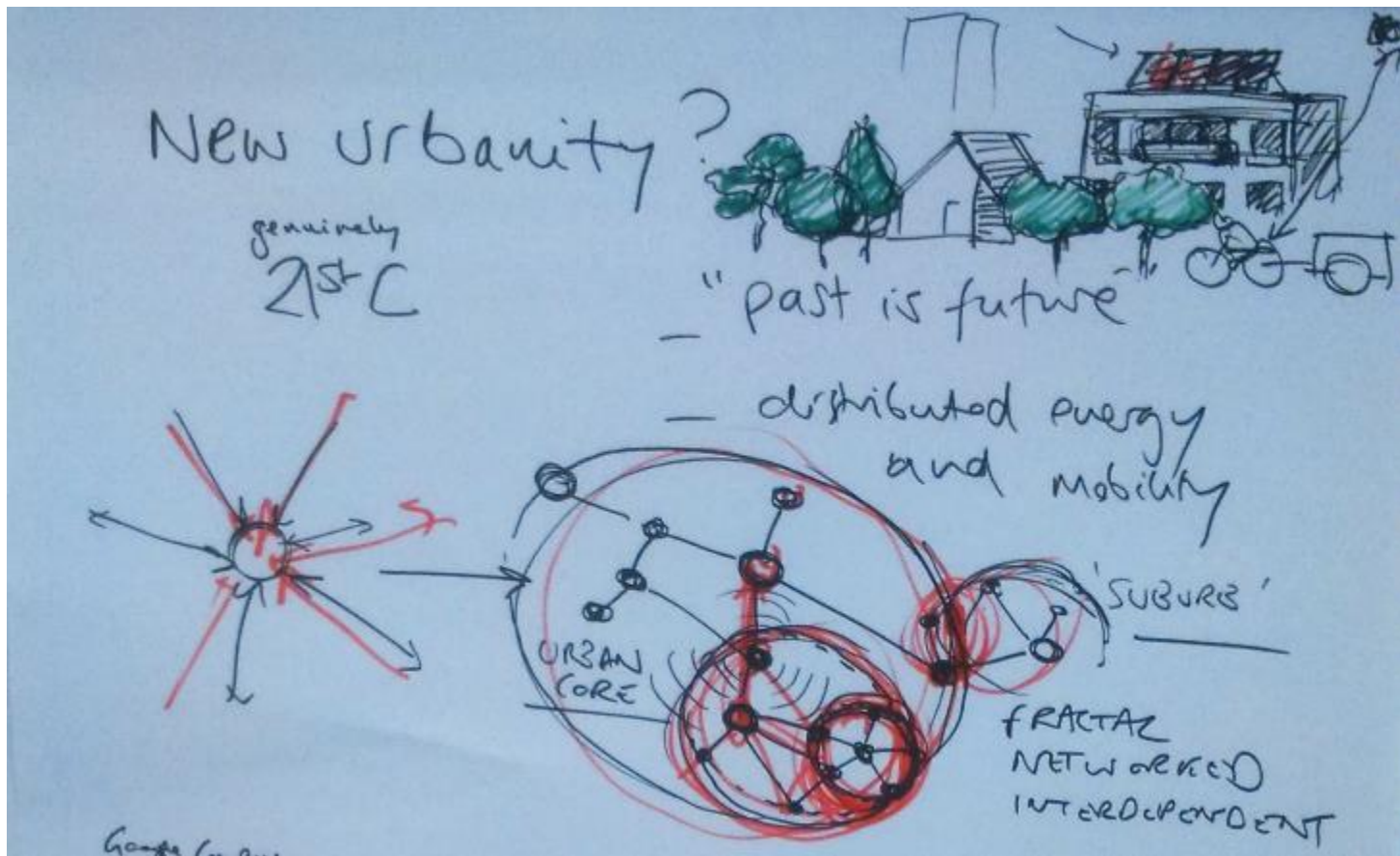


Energy Interoperable Smart Homes and Grids

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Brussels, 11 January 2018

“Past is the future”



Hand drawn by Dan Hill

Smart Homes → NZEB and/or districts?



However...



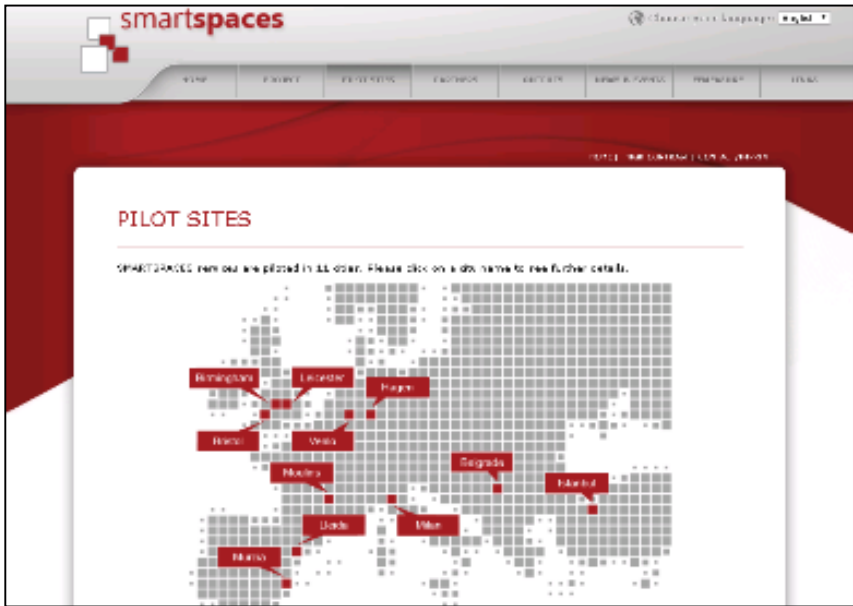
Connected smart cities
Brussels, 11/01/18





Lighthouse projects





The most sophisticated energy indicator?



Any challenges?

- “How much smart is smart”?
- What is the best scale and size?
- Different standards and mindsets for lighting, construction, energy, ...

- Users behaviour and its change!!!
- Privacy and security

- Who pays first?
- Who pays and who benefits?
- Utility concerns for “net metering”
- Rebound effect

Any objections?

“Six reasons to say no to a smart meter”

The Telegraph, 02/08/2017

- Smart meters could make it harder to switch gas and electricity providers
- Smart meters don't bring an end to estimated bills (or billing errors)
- Smart meters won't work if you have a poor signal in your area
- The display units linked to smart meters are crude and difficult to understand
- There's little evidence so far that smart meters will save energy - or money
- Smart meters 'pose security and other risks'

Thank you!

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