



The NOVICE Project

Sustainable Places 2018: Cross Collaboration Workshop

27th June 2018

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European
Commission

Horizon 2020
European Union funding
for Research & Innovation

The project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 732189

The H2020 NOVICE Project



New Building Energy Renovation Business Models Incorporating Dual Energy Services

- Budget : €2M
- Duration: 3 years
- Start Date: June 2017
- 9 partners



APLEONA

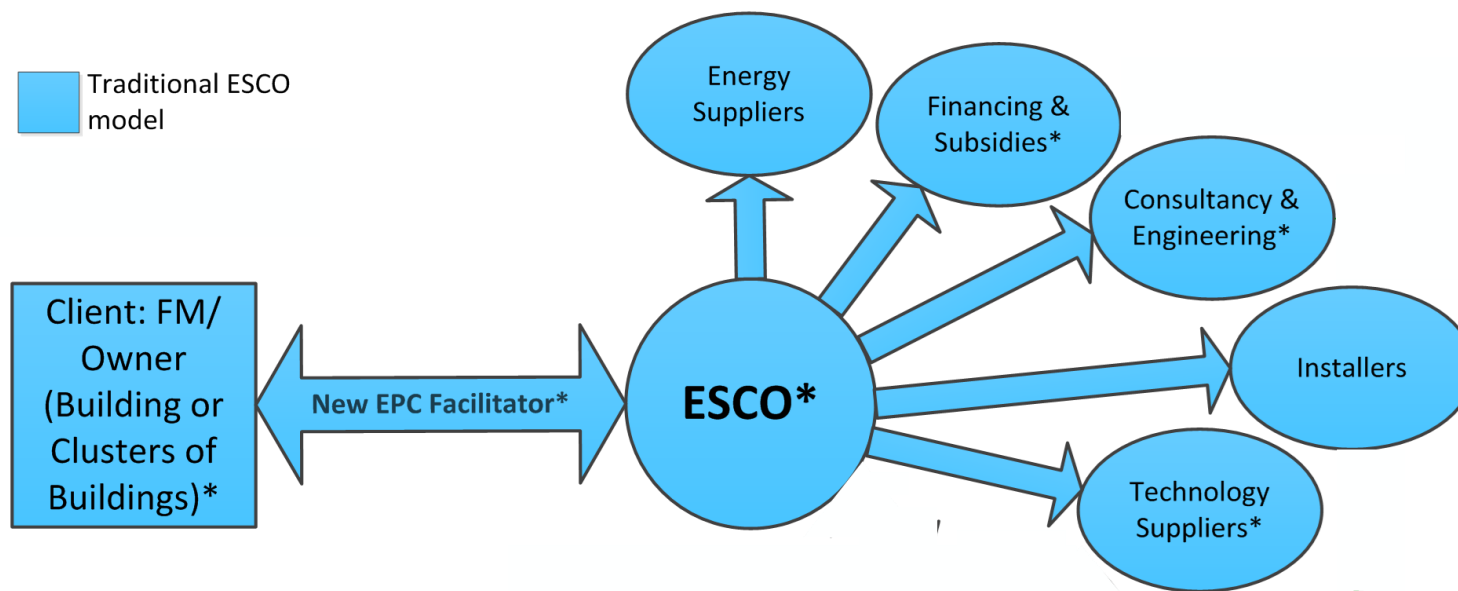


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NOVICE: From traditional EPC...



**Stakeholders present in the NOVICE consortium*

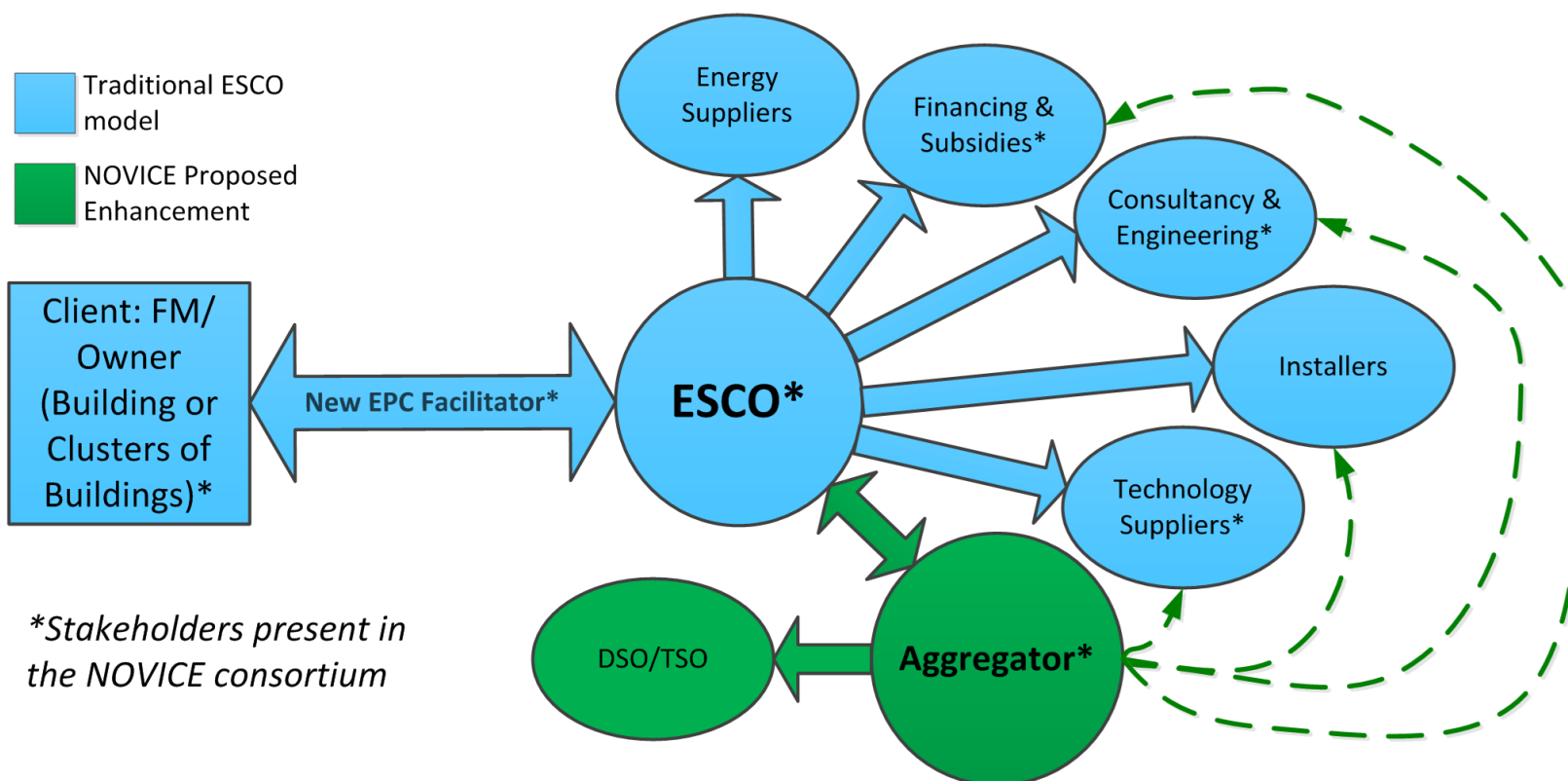


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...to Enhanced EPC



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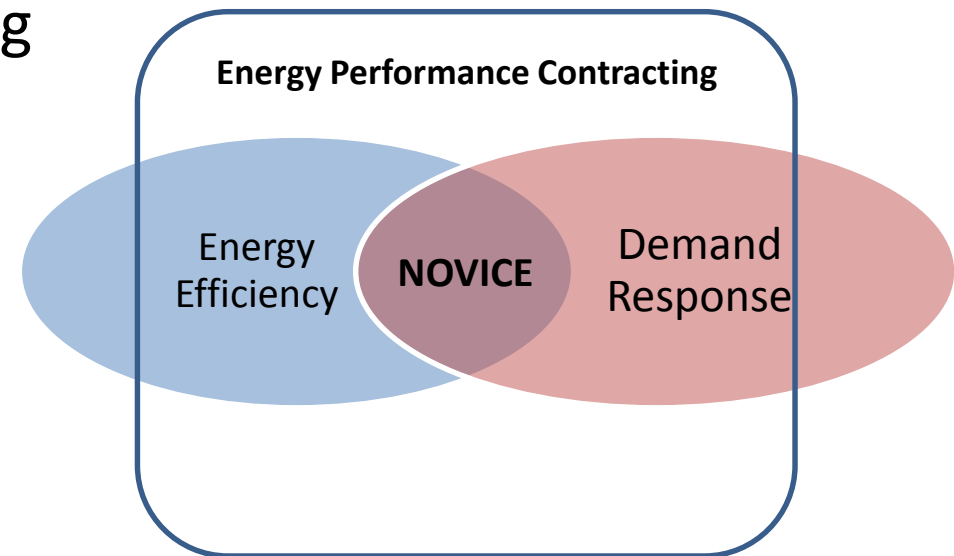
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Objectives



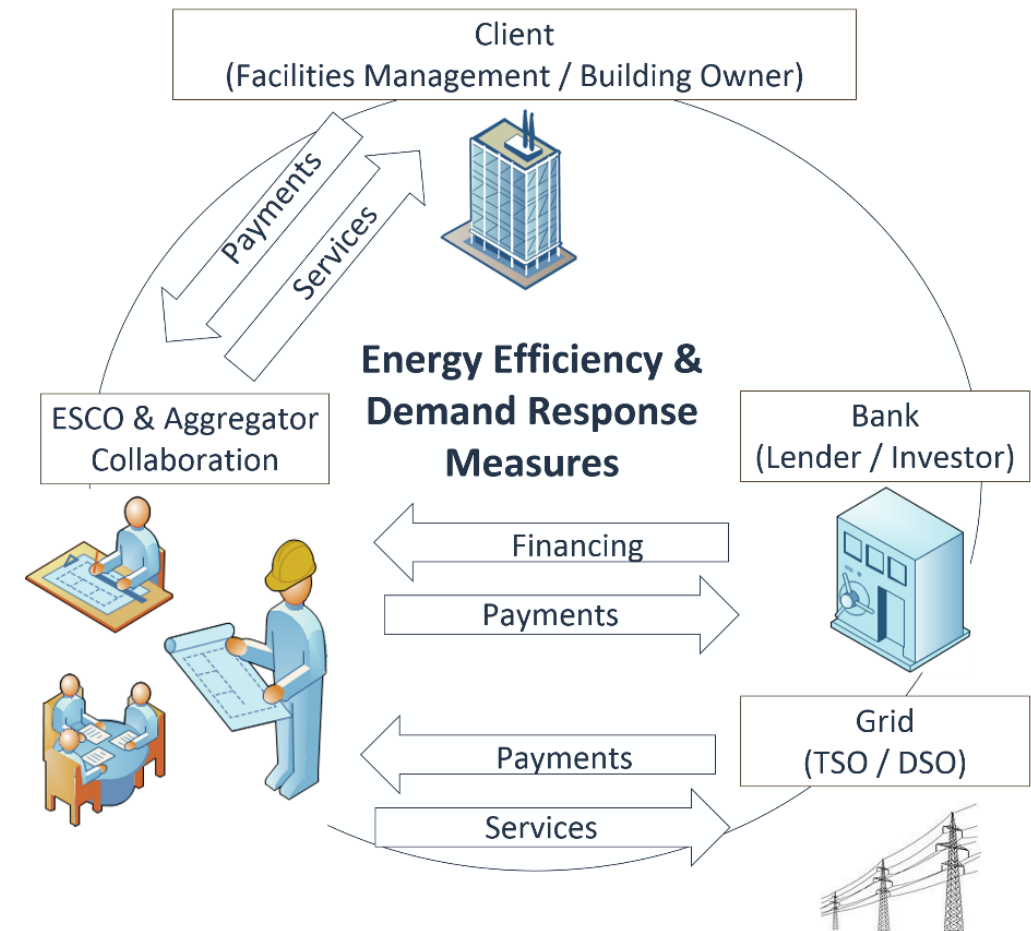
- To address the barriers to implementing dual energy services
- To train new actors in augmented building renovation process
- To determine technologies that increase building flexibility & energy efficiency
- To develop an innovative business model and EPC template
- To demonstrate effectiveness of the NOVICE business model



Key innovation: Business Delivery Model



- One contract for both EE and DR
- Dual revenue stream (EE & DR)
- Faster payback
- Improved ROI
- Greater certainty for investors
- Shorter contract lengths
- Smart buildings
- Increased asset value
- Improved occupant comfort



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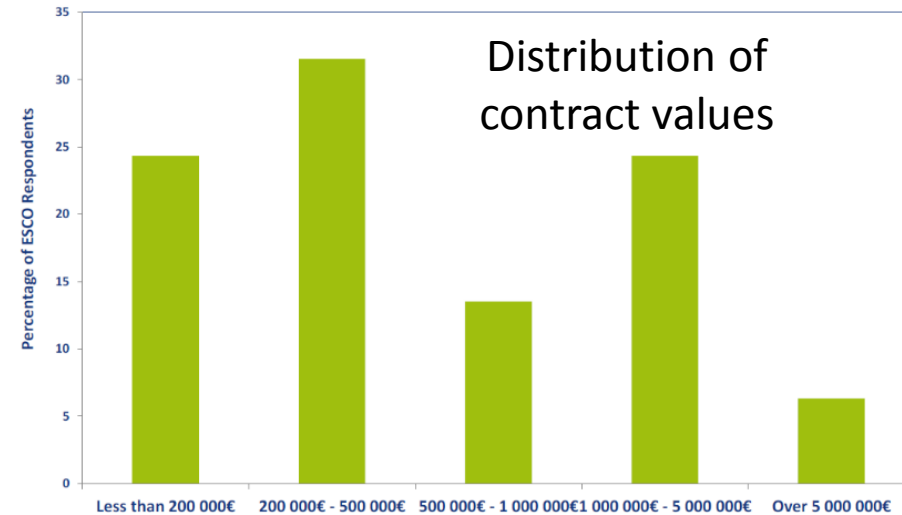
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Key innovation: Upscaling Energy Management



- Combining buildings with EE & DR potential under EPC leads to:
 - More attractive contract value to ESCOs & investors
 - Large scale roll out of technologies
 - Better access to Demand Response market
 - Shorter contract lengths
 - More attractive solution for SMEs
 - Brings EPCs to new markets outside public sector



Source:
TRANSPERENCE,
European Market
Overview (2013)



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