



MAYORS in ACTION

Webinar

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PadovaFIT!

**A Financing Investment Tool for the retrofitting
of private housing in the PADOVA area**

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Padova FIT! - The Context

When? Where? What? (1/2)

- start / finish date: *June 2013-May 2016*
- The action takes place in the **City of Padova** (North-Eastern Italy) and the municipalities that with it form the Metropolitan area (approx. **400.000 inh.**)
- The action addresses **private households**, specifically **block buildings**
 - At least 150 Energy audits and technical and economic proposals prepared.
 - ca. 2000 dwellings signing a contract
 - % of property: 75%



Padova FIT! - The Context

When? Where? What? (2/2)

- Energy condition of Padova Buildings:
 - Average Class G
 - 180 kWh/m²/year
 - following the economic boom of 1960s-1970s and consequent housing need
- Barriers to overcome
 - Income - energy poverty
 - Ageing population with specific life perspective
 - Lack of competencies on energy issues
 - Mistrust to EPC schemes
 - Hostility to debts



Padova FIT! - Key Figures (1/2)

- 15.800.000 € of foreseen investments launched in the **private housing building**
- ca. 4500 people involved by the investments and 150 buildings
- Cutting 3.744 CO2 emissions/year (15.703 MWh/year saved)
- Renewable Energy Production: 2.326 MWh/year
- Type of investments:
 - Structural Refurbishment (shell of buildings)
 - Heating plants renewal
 - Renewables
 - Average savings targeted: 25%

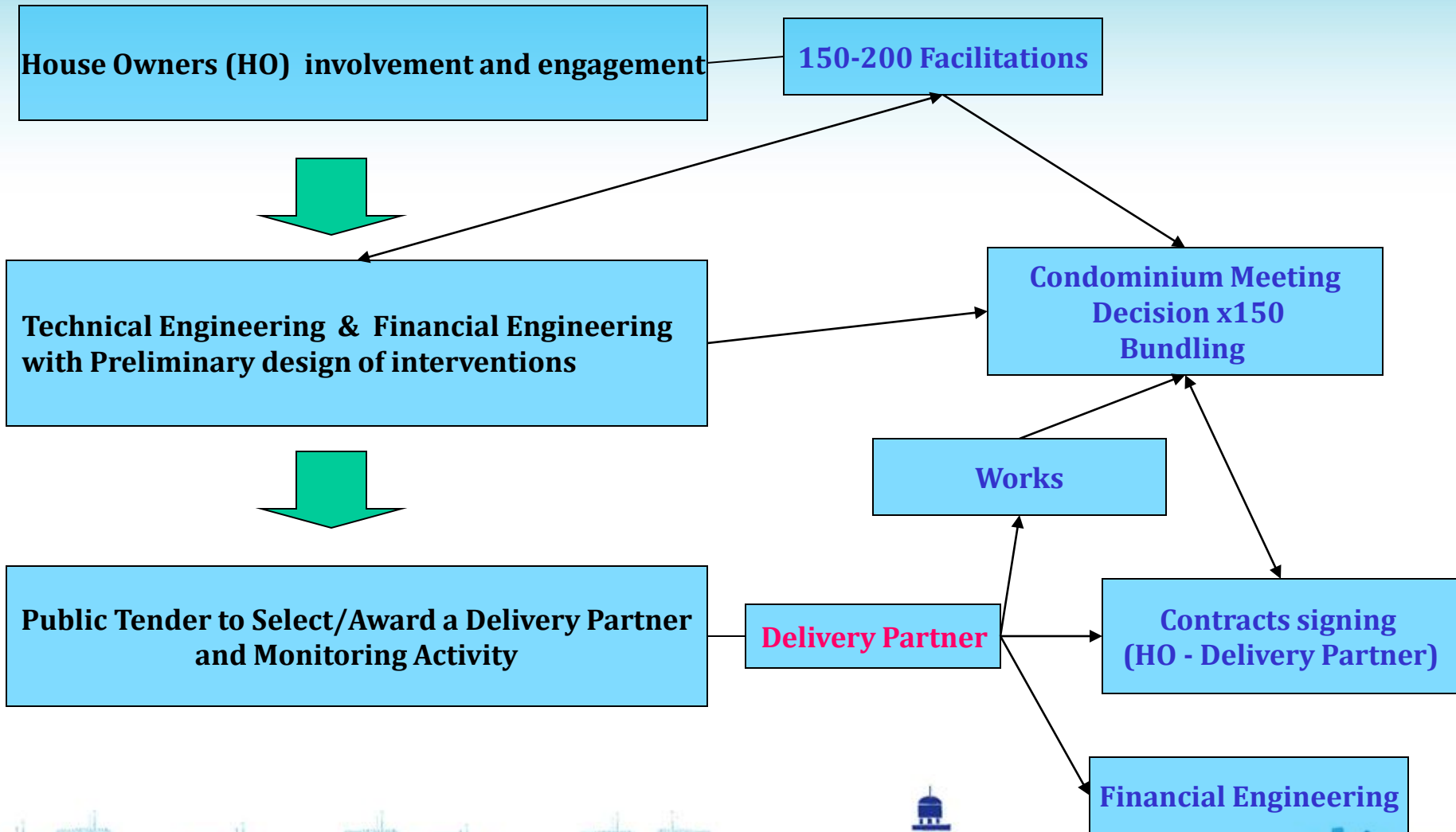


Padova FIT! - Key Figures (2/2)

- **Bundle** a critical mass of small and differentiated investment projects making them bankable
- City Council to act as a **facilitator** and **institutional guarantor** for the bundling
- **Repayment model** based on financing model
- Selection of a **Delivery Partner** (Energy Service Company) with a Public Tender



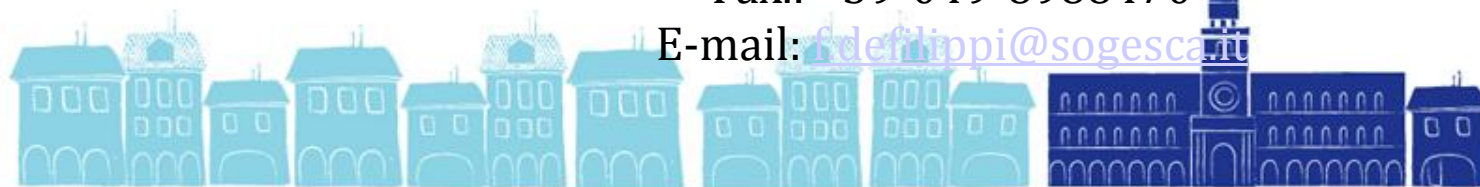
Padova FIT! - Structure of the Project



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