

Call Module 2 – RES Demo Power Flex: DSO's Needs and Point of view

*Clean Energy Transition Partnership
Transition Initiative 1 (TRI 1)
Presentation Event September 22nd 2022*

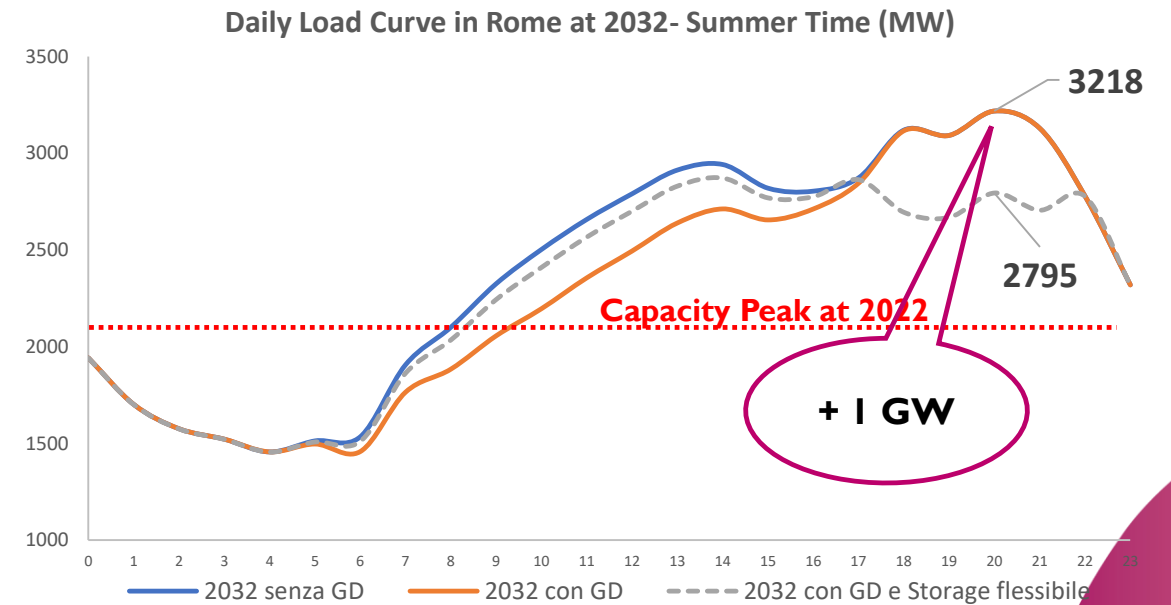
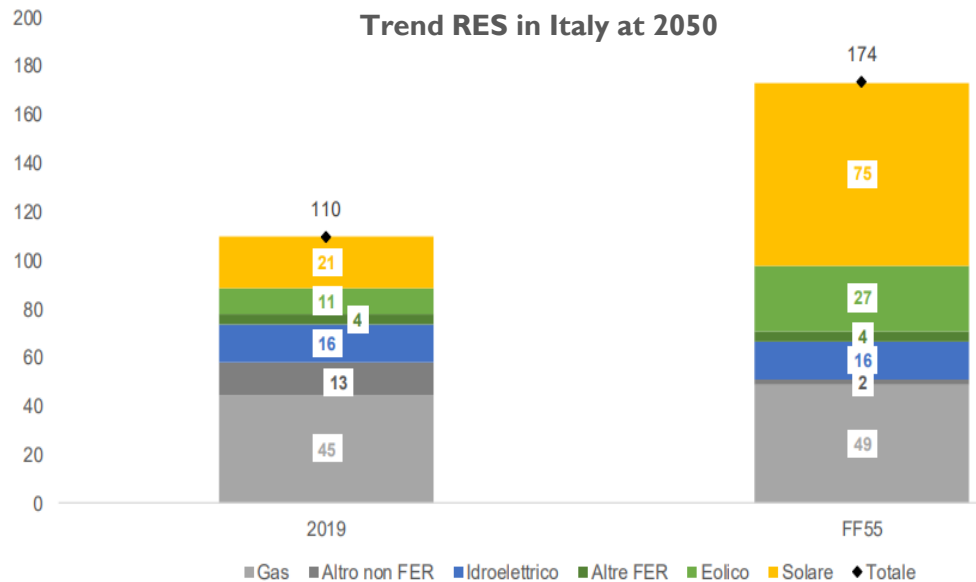
*Ercole De Luca
Areti SpA*



1. **The Energy Transition Challenge for DSOs: the case of Rome**
2. **The Financial Sustainability of the Energy Transition**
3. **DSO's Needs to Run Flexibility**

The Energy Transition Challenge for DSOs: The case of Rome

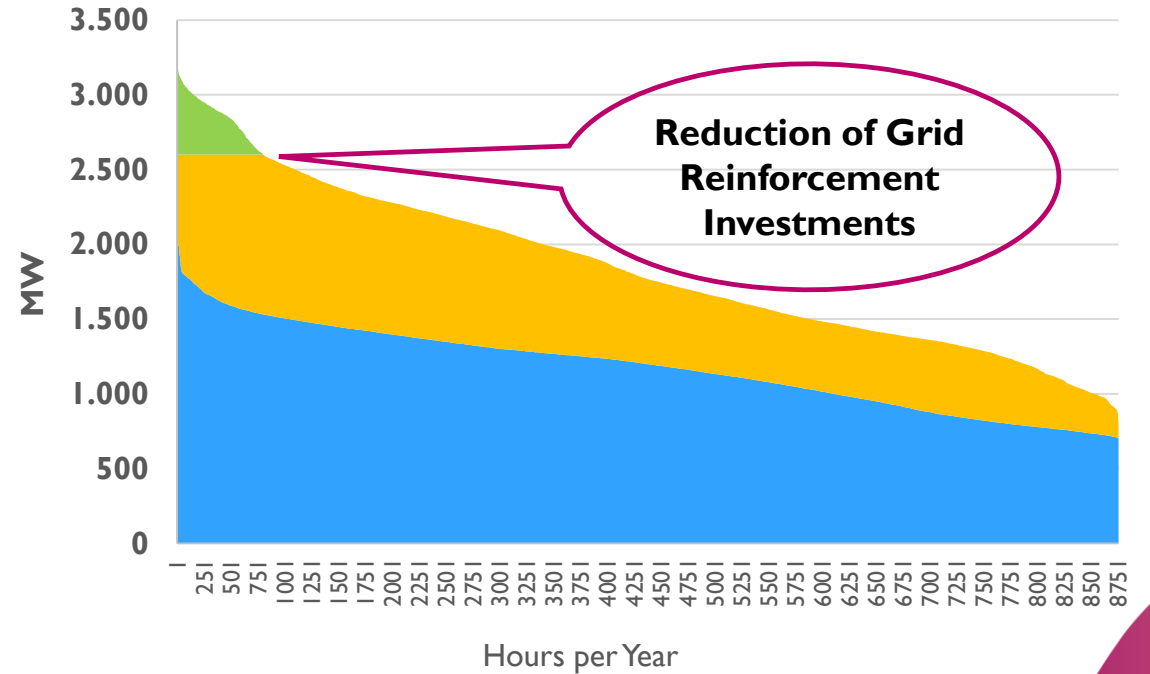
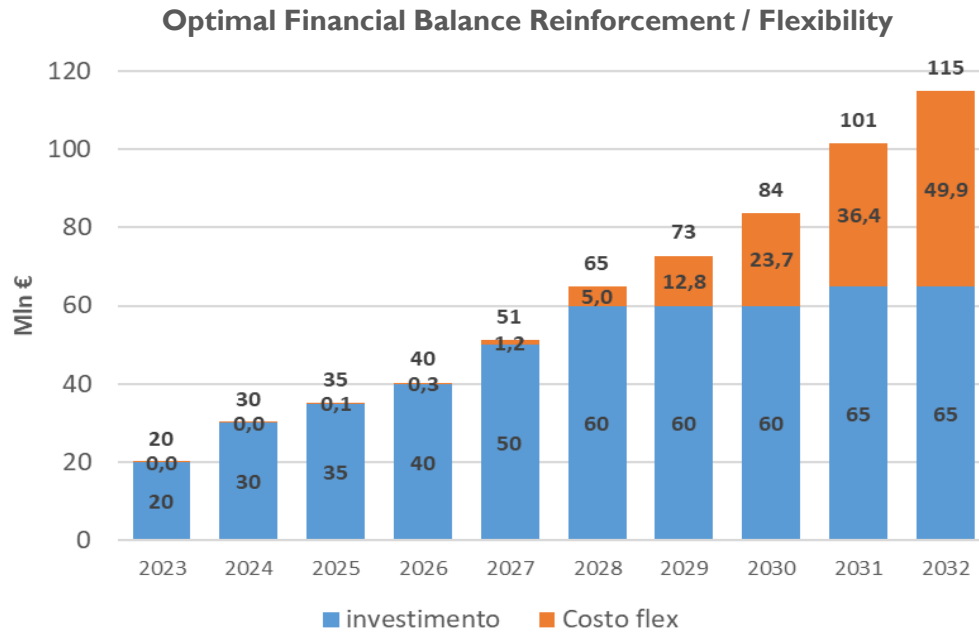
Energy Transition will Increase by 50% the Peak Capacity Need of the Distribution Grid of Rome



Without Flexibility (and storages...) RES won't Contribute to the Grid Needs

The Financial Sustainability of the Energy Transition

1 GW of Capacity Enhancement by Grid Reinforcement Would Cost more than 1 Bln € at 2032



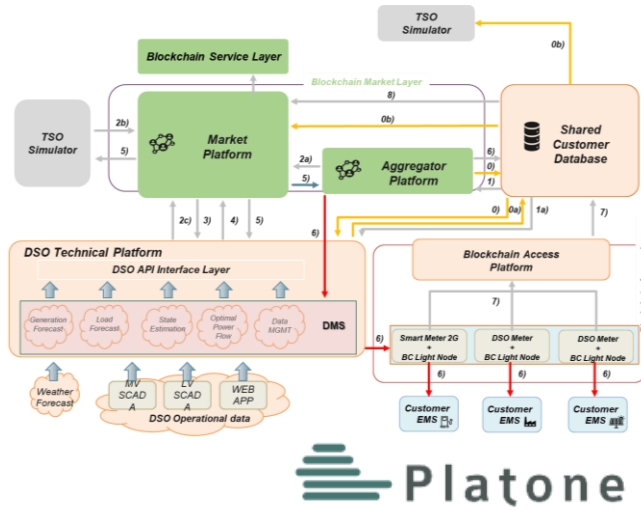
Flexibility is Crucial for the Financial Sustainability of the Energy Transition

DSO's Needs to Run Flexibility

Clear Regulatory Framework for Flexibility Markets



Grid Technologies & Digitalization



Availability of Flexible Resources



People Awareness

