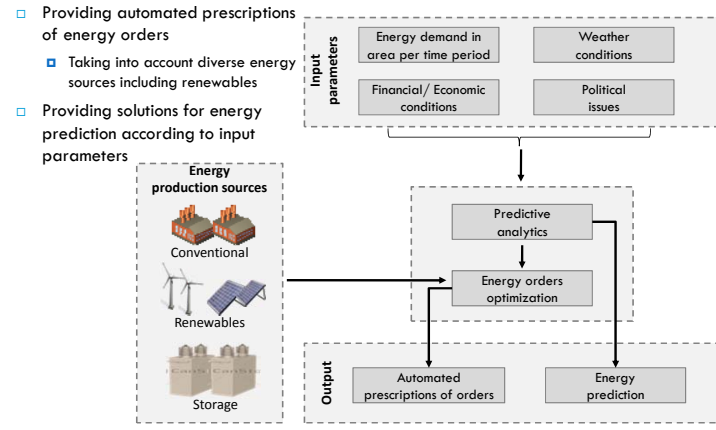


## Overview

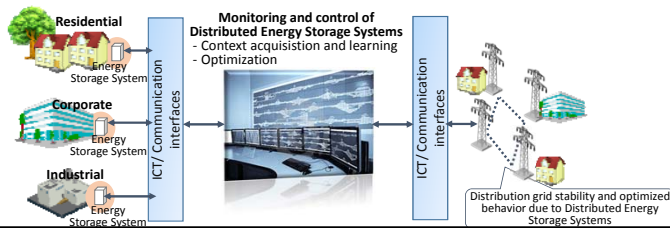


## Predictive analytics and energy orders optimization



## Energy storage control

- Providing solutions for monitoring and control of distributed energy storage systems e.g., storage batteries, Uninterruptible Power Supply (UPS) which could provide short-term energy supply in a local area if demand exceeds supply temporarily
- Such solution shall take into account:
  - Available energy storage systems in residential, commercial or industrial areas
  - Context awareness e.g., environment characteristics (demand faced, etc.) and the internal status of the system (means that can be used for handling the environment characteristics)
  - Optimization i.e., providing a component for finding the best ways of handling situations
  - Enforcement i.e., providing a component for implementing the solutions that lead to the best handling of situations (e.g., reconfiguring the infrastructure)



## Raising energy awareness through gaming/ live monitoring apps

Providing solutions for:

- Aggregating real-time information from smart-metering sources
- Generating knowledge about energy consumption and requirements
- Realizing optimal decisions regarding the energy sources engagement, and the energy allocation and conservation
- Realizing a social game that will incentivize energy saving actions from end-users in the smart building

