

# Dr. Iván S. Razo Zapata

## Research Topics:

- Smart infrastructure
- Smart electricity grids
- Blockchain, AI, and IoT
- Information Systems
- Business modelling

## Research Projects:

- Past:
  - VALUE-IT (Funded by NWO)
  - Scanergy (Funded by European Union – FP7)
  - ecoSVN (Funded by FNR)
- Current:
  - Digital transformations in the electricity sector through the application of AI, IoT, and blockchain
  - Model-based engineering
  - Analysis & design of complex systems

## Publications:

- <https://scholar.google.com/citations?hl=en&user=nzjlmI0AAAAJ>

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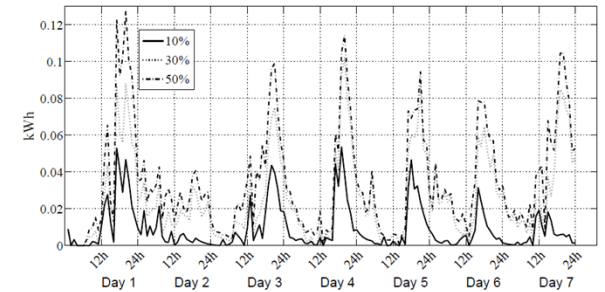
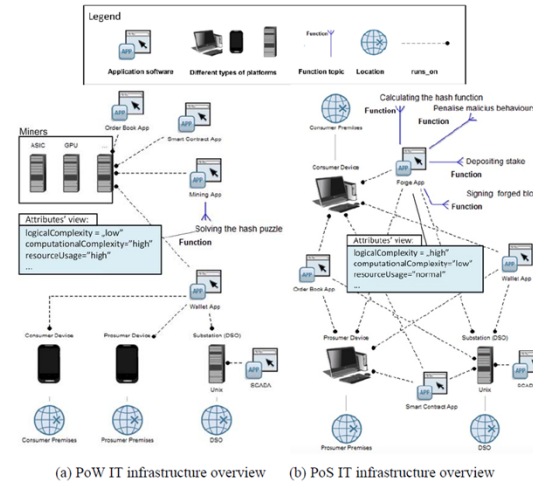


Figure 4: Average reduction in consumption per household using storage and load shifting capabilities for different percentage of prosumers.

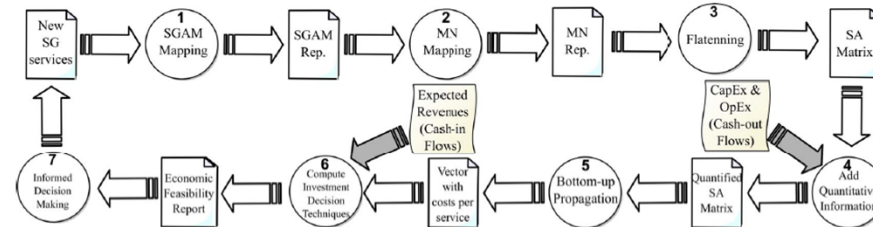
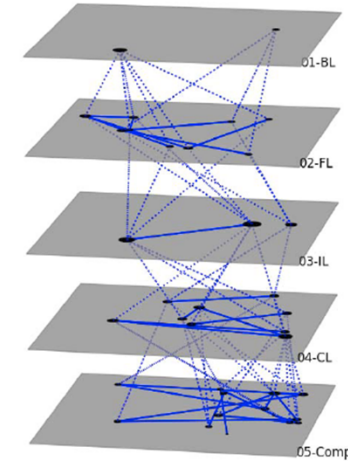


Fig. 2. A method to assess the economic feasibility of new services in the SG.