



Internship Proposal: Digitalization & smart metering trends across European suppliers markets

Background

irex Consulting is a straightforward business engineering consultancy specialized in the energy & utility sectors. We are experts in tackling operational business challenges across the entire value chain – production, sourcing & trading, grids, and supply.

Assignment

Context

In an increasingly digital market, European energy suppliers (electricity and gas) are having to adapt and evolve according to the new opportunities digitalization brings. That said, the different countries in Europe are moving at vastly different speeds while aiming to respect both European objectives and national regulations. The goal of this internship is to study the digitalization and impacts of smart meters, on a European scale and for specific countries, to identify trends, challenges and the various strategies in place by existing suppliers. This will require strategic analysis to map EU countries with their own digitalization phase and assess key trends that will shape energy suppliers over the next 10 years.

Approach

1. Literature review of existing analysis
2. Define scope of countries within EU for deep dive analysis
3. Develop key indicators for measuring relevance between countries
4. Include long terms EU perspective and objectives into strategic analysis

Objectives

- Market analysis to define cross-border trends
- Identify what suppliers in each country can learn from its neighbors in anticipating trends
- Analyze long term challenges and approaches for suppliers to stay relevant

Preparation Material

- Smart meter deployment in EU
 - https://www.buildup.eu/sites/default/files/content/mj0220176enn.en_.pdf
- Assessment and roadmap for the digital transformation
 - https://www.euneighbours.eu/sites/default/files/publications/2020-03/MJ0220185ENN.en_.pdf
- EU electricity – Smart ecosystem
 - <https://ses.jrc.ec.europa.eu/scanning-smart-electricity-ecosystem>

Schedule Beginning of July -- End of August

Supervisor

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