

# ISGAN TCP Annex2 Smart Grid Case Studies

## Knowledge Sharing of Smart Grid Best Practices

The objective of Annex 2 is to assess outstanding examples of topical smart grid case studies develop an in-depth case book both in offline and online platform. It is designed to provide the quick and concise information about best practices and lessons learned of smart grid projects around the world. The case books offer the reader points of comparison but, more importantly, tell stories in a brief and concise way that makes it easier for the reader to extract key points and important insights.

To date, ISGAN Annex 2 has published three different topical case books on Advanced Metering Infrastructure (AMI), Demand Side Management (DSM) and Consumer Engagement & Empowerment. These case books are easily accessible through its online platform ([www.amicasebook.org](http://www.amicasebook.org)) and also available for download on ISGAN website ([www.iea-isgan.org](http://www.iea-isgan.org)).

<ISGAN topical smart grid case books>

A new case book focusing on the ESS(Energy Storage System) will be released soon, especially its economical benefits and impacts to increase both the flexibility and resiliency of the power systems.

# Inspiring Smart grid Development for Developing Countries

## Designing Strategies and Tools for Smart Grid Research and Innovation

A public support KTP workshop was held in Genk, Belgium in September 2017, with a focus on developing strategies and tools for public support to smart grid research and innovation. Six participating countries of ISGAN participated to share their experiences and lessons with the following key aspects:

- how to realize demonstration projects to achieve market uptakes,
- designing national funding programs,
- how to measure project impacts
- and how to communicate results to public.

Through an in-depth interactive discussion and preparatory surveys, it was put forward that it is important to involve a variety of stakeholders more actively into on-going projects. It was also emphasized that projects were only successful when they create a fact-based structured and interactive dialogue between the key stakeholders working with various aspects of public support to smart grid development.



<Public Knowledge Transfer Workshop in Belgium>

## Built Confidence and Ambition in India's Smart Grid Prioritized Challenges

With a focus on Distributed Generation, Microgrids, and Smart Metering in Bengaluru, Annex 2 hosted an India Knowledge Transfer Program (KTP) Workshop in Bengaluru, India in November 2017. It was a very constructive and meaningful workshop to exchange best practices on identifying and implementing smart grid projects from a global perspectives, including those of the public, private, and academic sectors. Stakeholders from the government of India as well as public and private sector were inspired by the challenge statements that includes a total of 62 solutions and guidance to identify and prioritize ideas for solutions and actions going forward. The executive summary report is available on ISGAN website ([www.iea-isgan.org](http://www.iea-isgan.org)).



<Interactive Knowledge Sharing Workshop in India>

Annex 2's KTP activity will continue on with an aim at providing answers to the challenges requiring a move from "theory to practice" and transfer of knowledge from one context to another.