



EUROPEAN COOPERATION NETWORK
ON ENERGY TRANSITION
IN ELECTRICITY TR@NSENER



Redes digitales, presencia masiva

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Mesa redonda 2:

Servicios energéticos innovadores asociados a la digitalización de sistemas eléctrico

Sesión de TR@NSENER sobre Interoperabilidad de redes

Autumn Seminar FUNSEAM

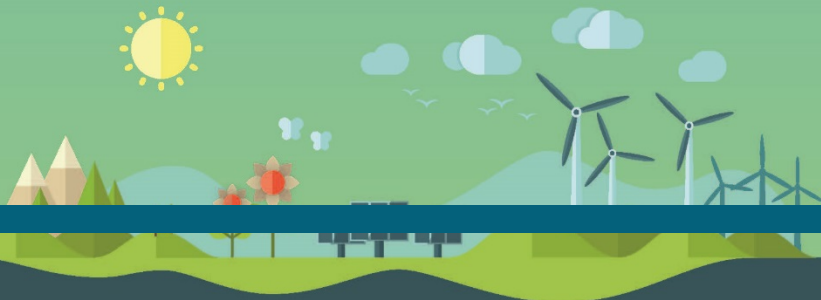
Madrid, 22 de noviembre de 2018





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Digital Grid Unleashed



Life Is On

Schneider
Electric

www.transener.eu



How will you meet demand?

Global electricity demand will increase 57% by 2050.

1.35% CAGR world-wide

38,700 terawatt-hours by 2050 from 25,000 terawatt-hours in 2017



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Electric



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What is the future of electricity?

Sustainable, renewable, decentralized power

From now to 2040, over 80% of investment in power generation will go toward zero-carbon fuels



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How is electricity being decentralized?

Prosumer revolution is here.

**Energy
access**

Affordable

**Energy
reliability**

Available

Energy mix

Optimized





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How can you manage complexity?

Today's energy decisions
determine your future.



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Will you benefit from the energy shift?

There are enormous
opportunities on both sides of
the meter.



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How can you win?

Seize opportunities
to digitize.



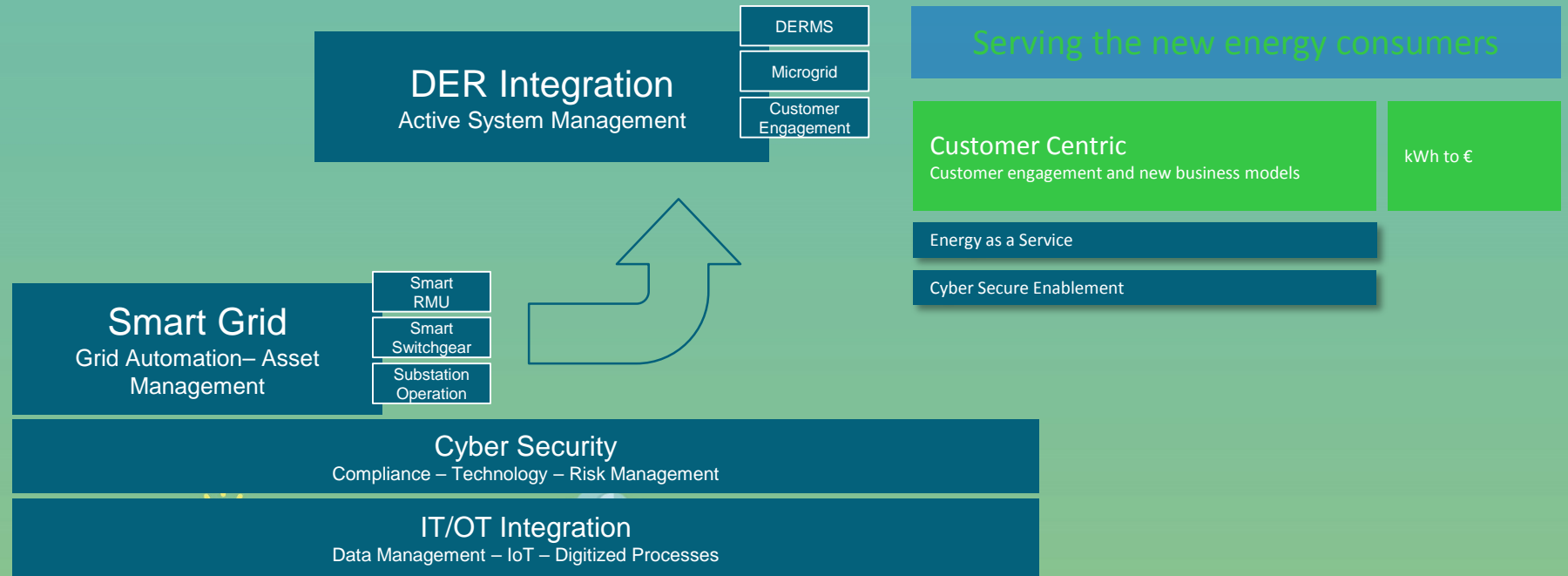
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How can utilities turn disruption into opportunity?





Philippines

EcoTruxure™ Grid

Innovation At Every Level

6.5M customers served and growing

System-wide management of 20 major storms per year

Estimated up to 250k trouble calls/hour processing capability

How do winning companies build strong energy strategies?

Every company
is an energy company.





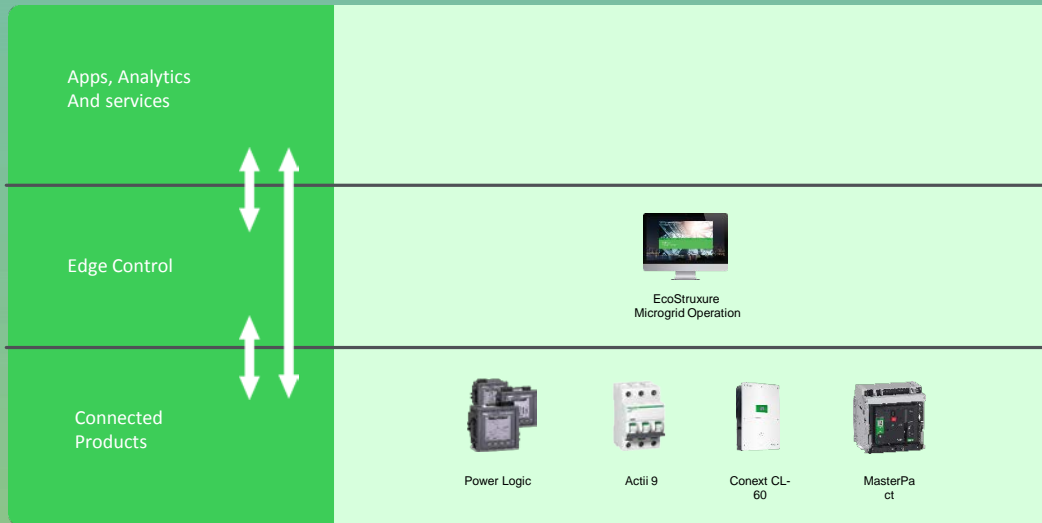
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REIDS

Renewable Energy Integration
Demonstrator Singapore

EcoStruxure™ **Grid**
Innovation At Every Level



Cost of energy reduced by **27%**

Operating costs reduced by **37%**

Fossil fuel use reduced by **66%**

"This is an initiative to achieve social, environmental and economic impact to Singapore as well as South East Asian nations and Asia Pacific."

Prof. Choo Fook Hoong, Principal Investigator, REIDS, ERIN

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IN ELECTRICITY TR@NSENER

EcoStruxure™ Grid

Innovation At Every Level

EcoStruxure™ Architecture





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EcoStruxure™ Grid
Innovation At Every Level

EcoStruxure™ Architecture





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How can you take control of the new world of energy?

Harmonize supply and demand with EcoStruxure Grid



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