



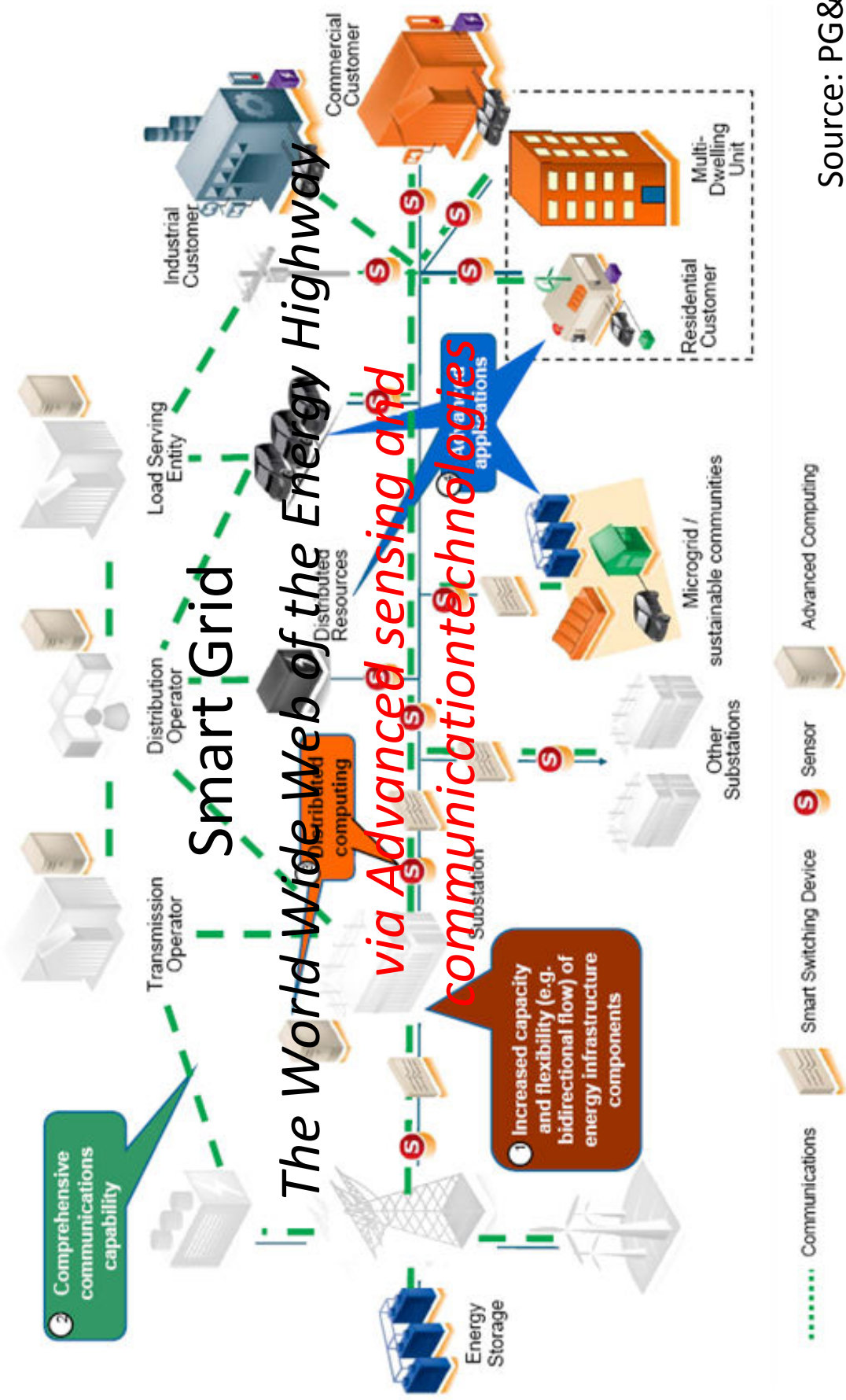
Smart Energy Grids

Enis ERKEL
Türk Telekom Group R&D Director

June 22nd, 2010

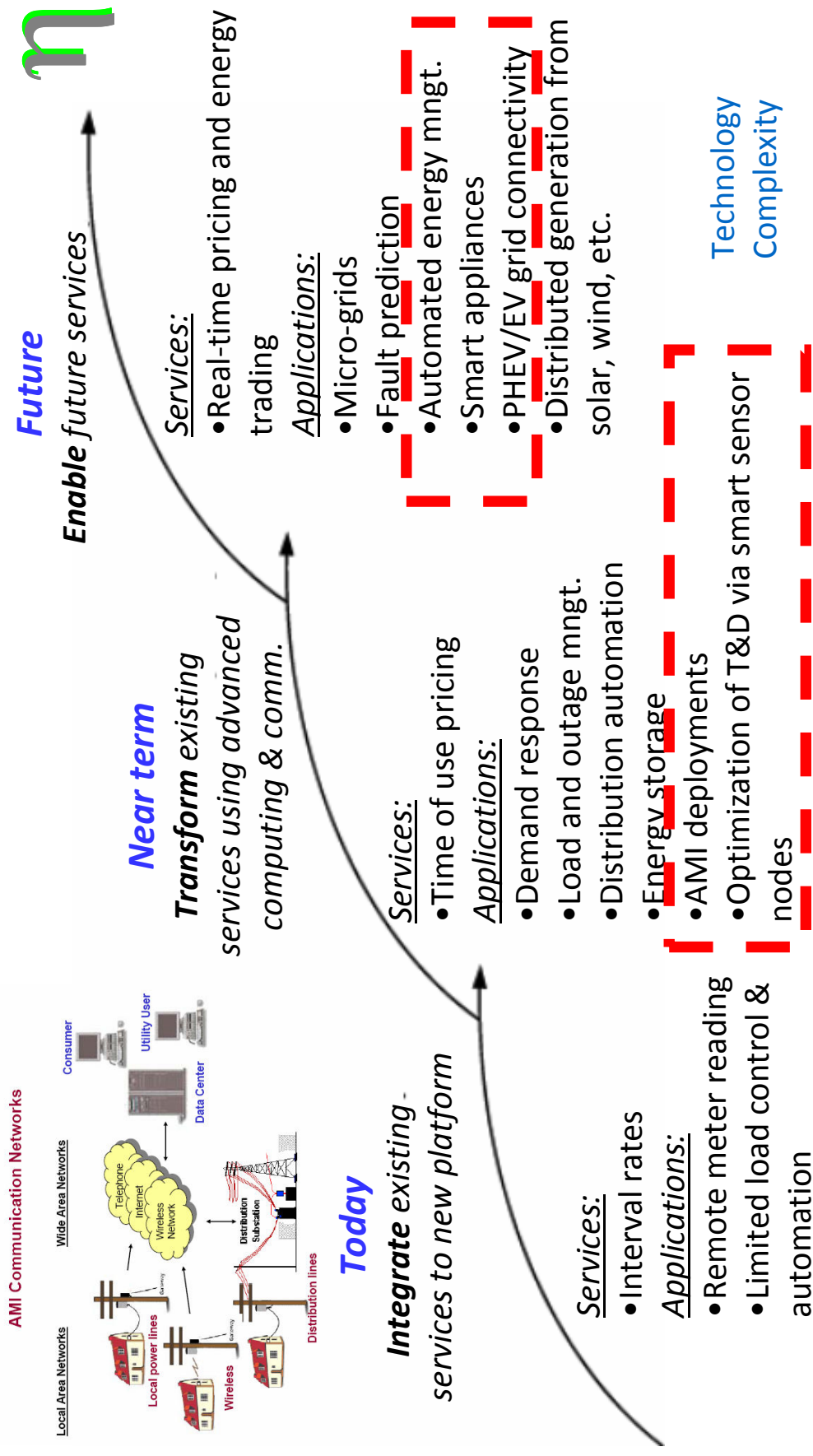


Adding Intelligence to Electric Grid



Smart Grid

Applications and Services Roadmap



Cumulative Benefits

Research Project Ideas for Smart Grid

- Demand management, fraud detection
- Hybrid Communication Networks for Secure Advanced Metering Infrastructure (AMI)
- Distributed sensor networks for transmission and distribution automation and distributed generation
- Smart PHEV/EV charging management & Vehicle-to-Grid (V2G) technology

Questions?

Enis Erkel

enis.erkel@turktelekom.com.tr

