



# ACCELERATING SMART GRID DEPLOYMENT

**PAUL BRODRICK**

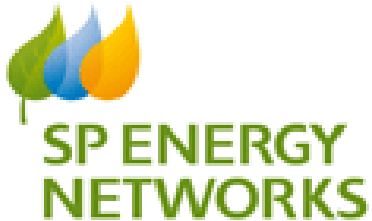
GRIDCOMMS – 22ND OCTOBER 2012

**Cable&Wireless**  
Worldwide

# CABLE & WIRELESS WORLDWIDE UTILITIES AT OUR HEART

# centrica

## nationalgrid



**MARCH 5, 1999**

**ENERGIS AND VIRIDIAN TO LAUNCH TELECOMS COMPANY IN NORTHERN IRELAND**

Energis plc, the UK telecommunications company and Viridian Group plc, the parent company of Northern Ireland Electricity, today announce a 50:50 joint venture to build a major new telecommunications network and launch services in Northern Ireland, focusing initially on the business and Government telecom market.

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**FEBRUARY 12, 2002**

**SCOTTISHPOWER THUS DEMERGER TERMS**

ScottishPower announces the terms and timetable for the proposed demerger of ScottishPower's interest in THUS Group plc ("THUS Group") ("Demerger").

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**"Energis demerged from National Grid"**

**DECEMBER 9, 1997**



SCOTTISHPOWER

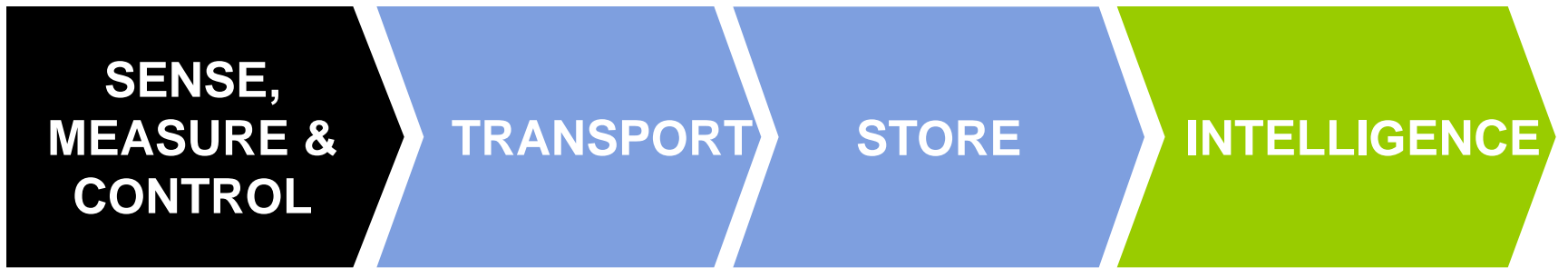


# ACCELERATING SMART GRID DEPLOYMENT BARRIERS TO OVERCOME



# CWW PARTNER ECOSYSTEM

## CORE CAPABILITY AND SPECIALIST PARTNERS

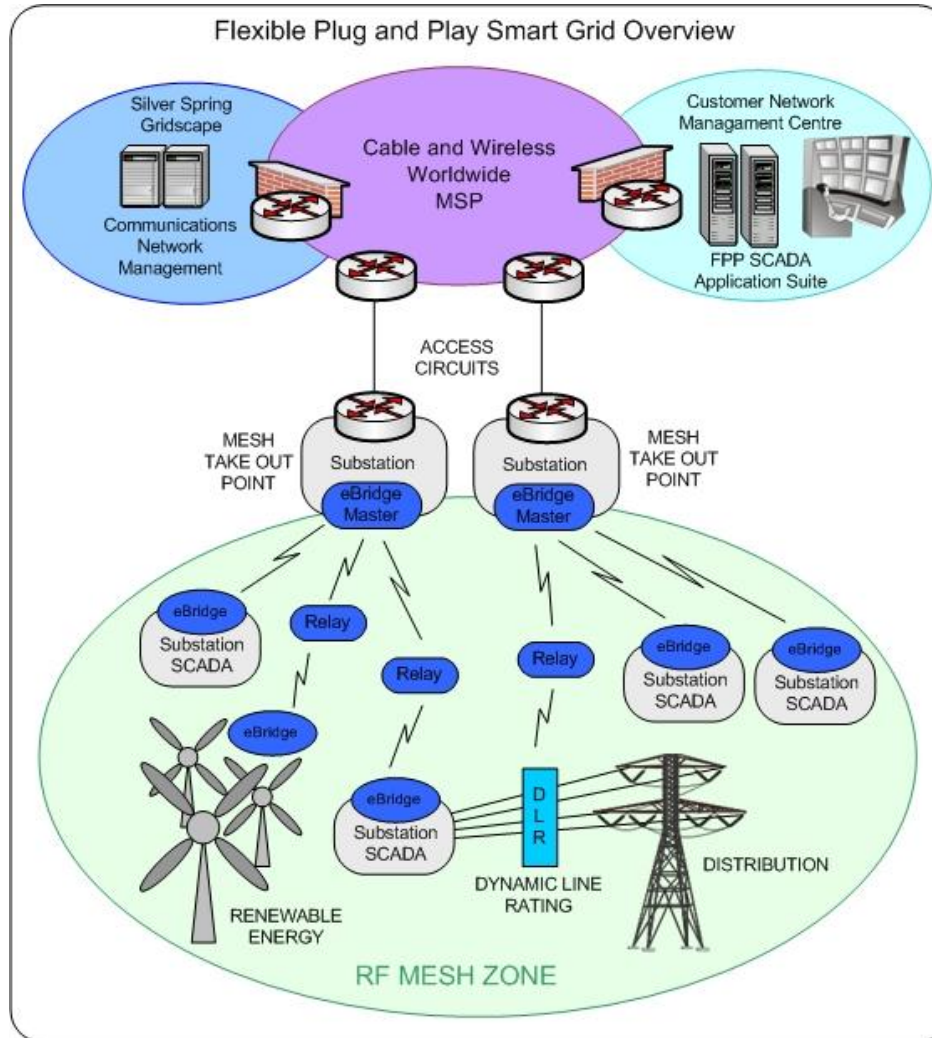


CWW MANAGED COMMUNICATIONS SERVICE

CWW END TO END SECURITY



# UKPN FLEXIBLE PLUG AND PLAY TECHNICAL ARCHITECTURE




# A SMART GRID VISION FOR THE FUTURE

## THE ECOISLAND PROJECT

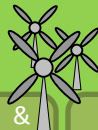


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### GRID APPS

- SMART Metering 
- Line Rating
- Renewable Curtailment
- Substation Monitoring
- Switching
- Protection

### BMU PORTFOLIO - SPVs



- Storage
- Big & Small Wind
- Geo - Thermal
- Tidal & Wave
- Enterprise Demand Mgt
- Domestic Demand Mgt
- Big & Small PV
- Street furniture
- STOR
- BIO-GAS

### ACCESS NETWORK

- RADIO MESH
- ADSL 
- GPRS / 3G 
- WHITE SPACE RADIO 
- MICROWAVE RADIO 

### IPVPN WAN

### SERVICE BUS AND EAI

### THIRD PARTIES

- Balancing Markets
- DNO
- National Grid 




### HOSTING & CLOUD SERVICES



- Bespoke Applications
- Domain Management Applications
- Analytics
- Dashboards
- Trading Applications
- 3rd Party Applications 

### SERVICE BUS AND EAI

# DEPLOYING A REAL SMART GRID CHALLENGES WE ARE FACING





**THANK YOU FOR LISTENING**

**PAUL.BRODRICK@CW.COM**  
**07822 831946**