

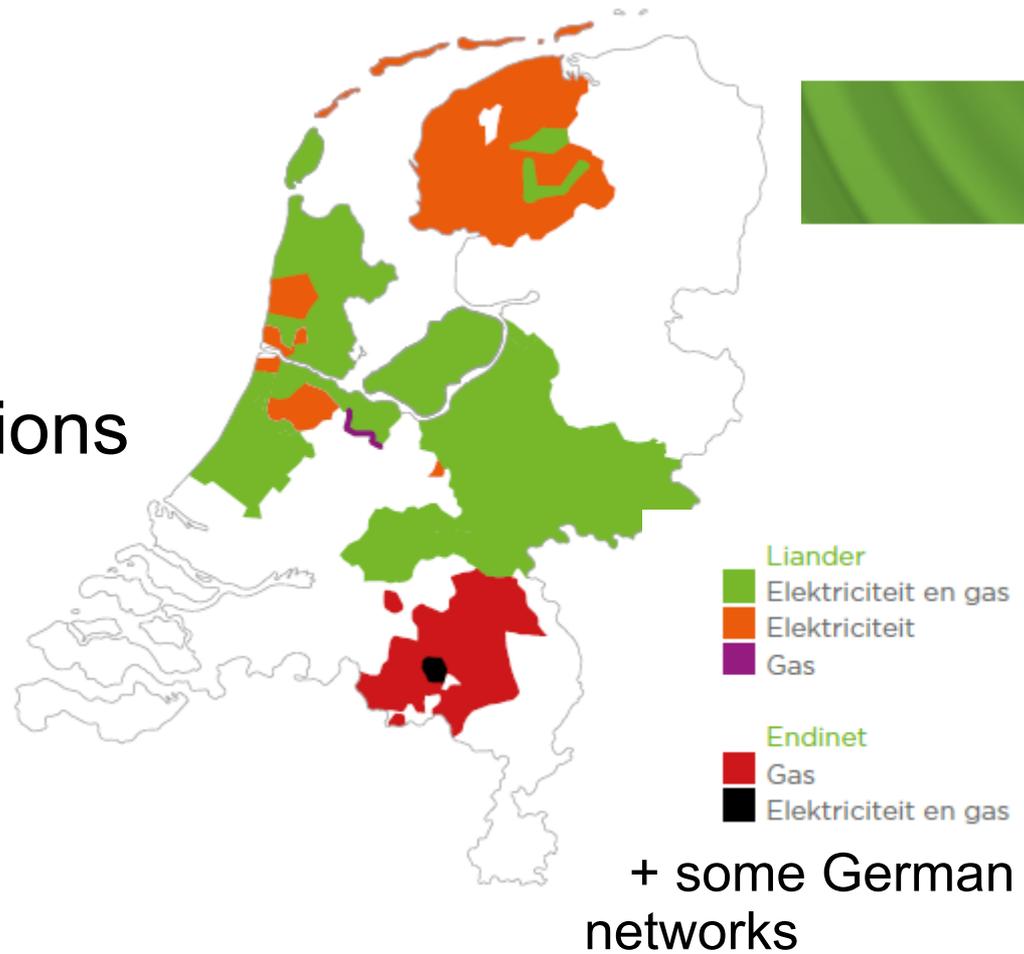
The Solar & Electrical Mobility Revolution Conference

The Grid in 2025, smart and ready?
Amsterdam March 2015
Drs. J.H. Blom MBE

Alliander

Mission
Better society
in the connected regions

Strategy



Klantaansluitingen

5,7 mln



Marktaandeel

37%



Netto-omzet

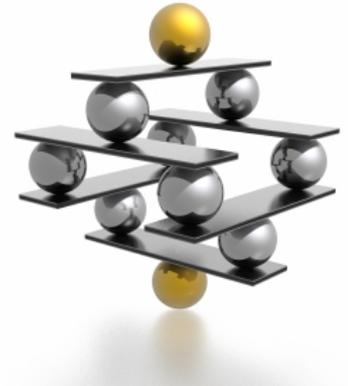
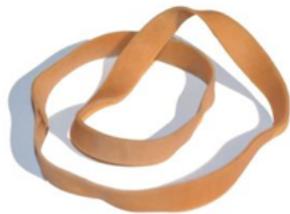
1,7 € mld



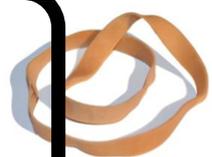
Aantal medewerkers

7.170

Flexibility - Balance



**Conversion
P2G / H / L**



Production

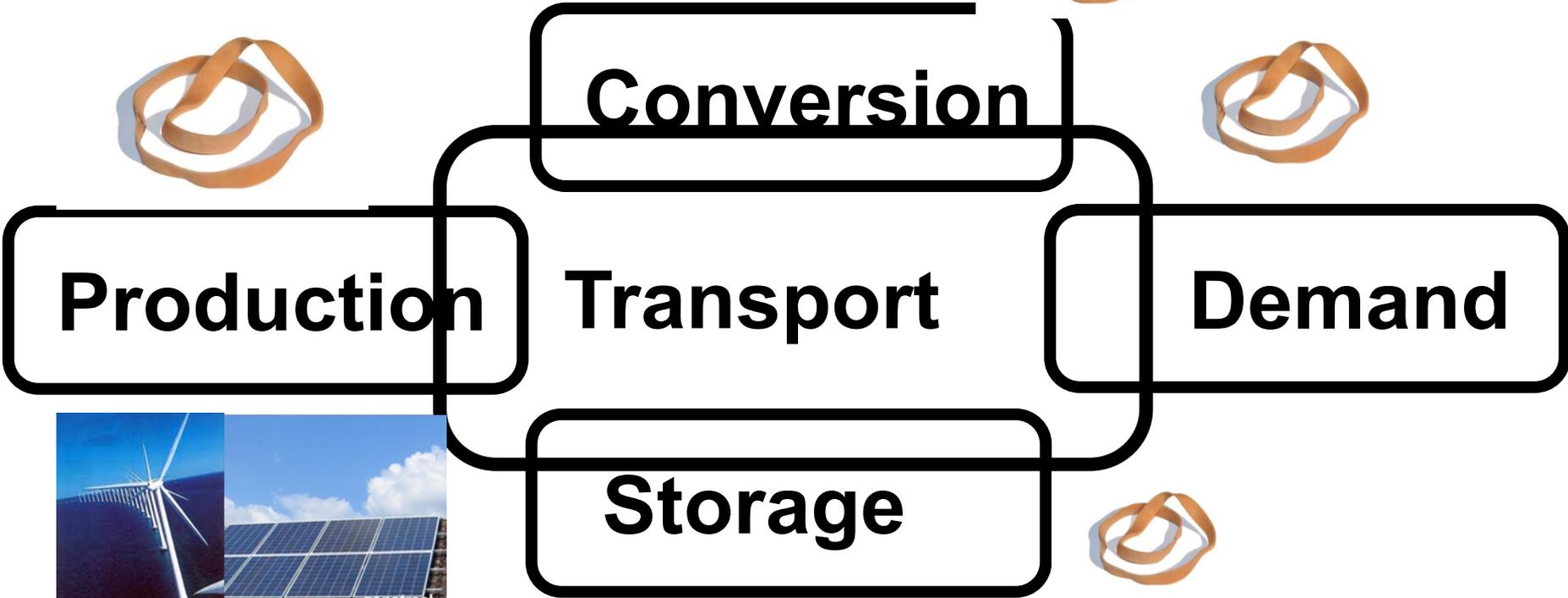
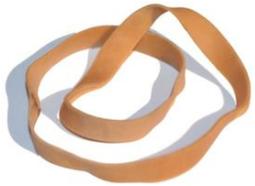
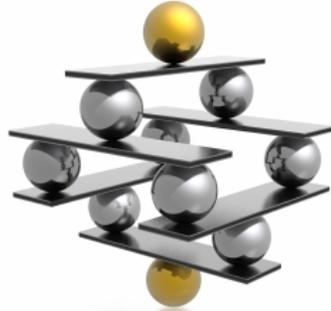
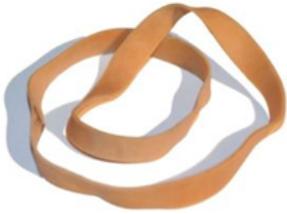
Transport

Demand

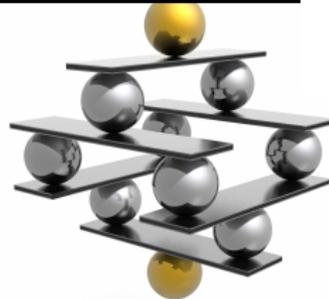
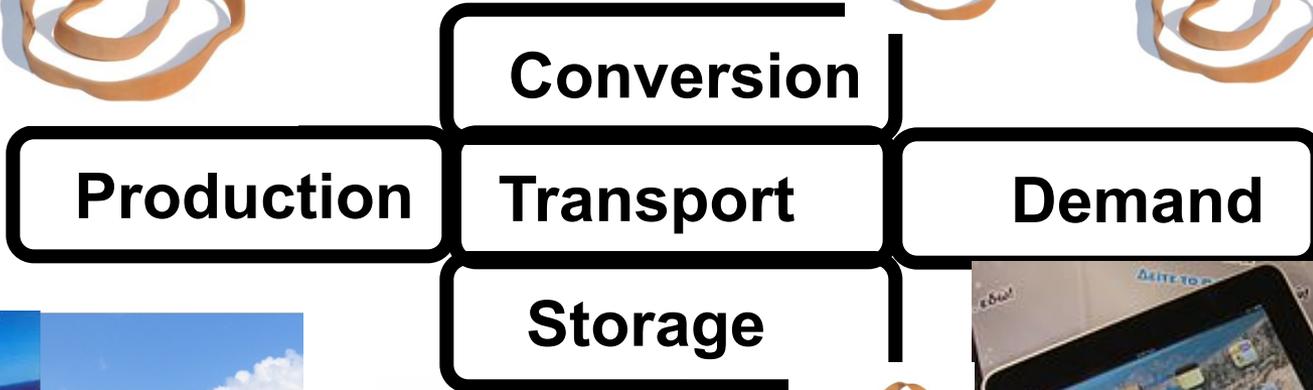
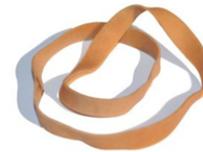
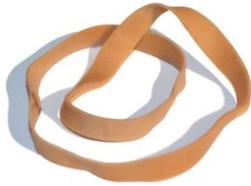
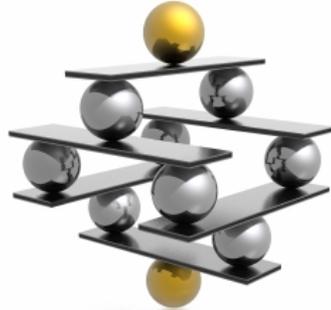
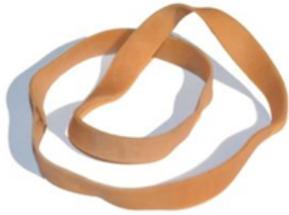
Storage



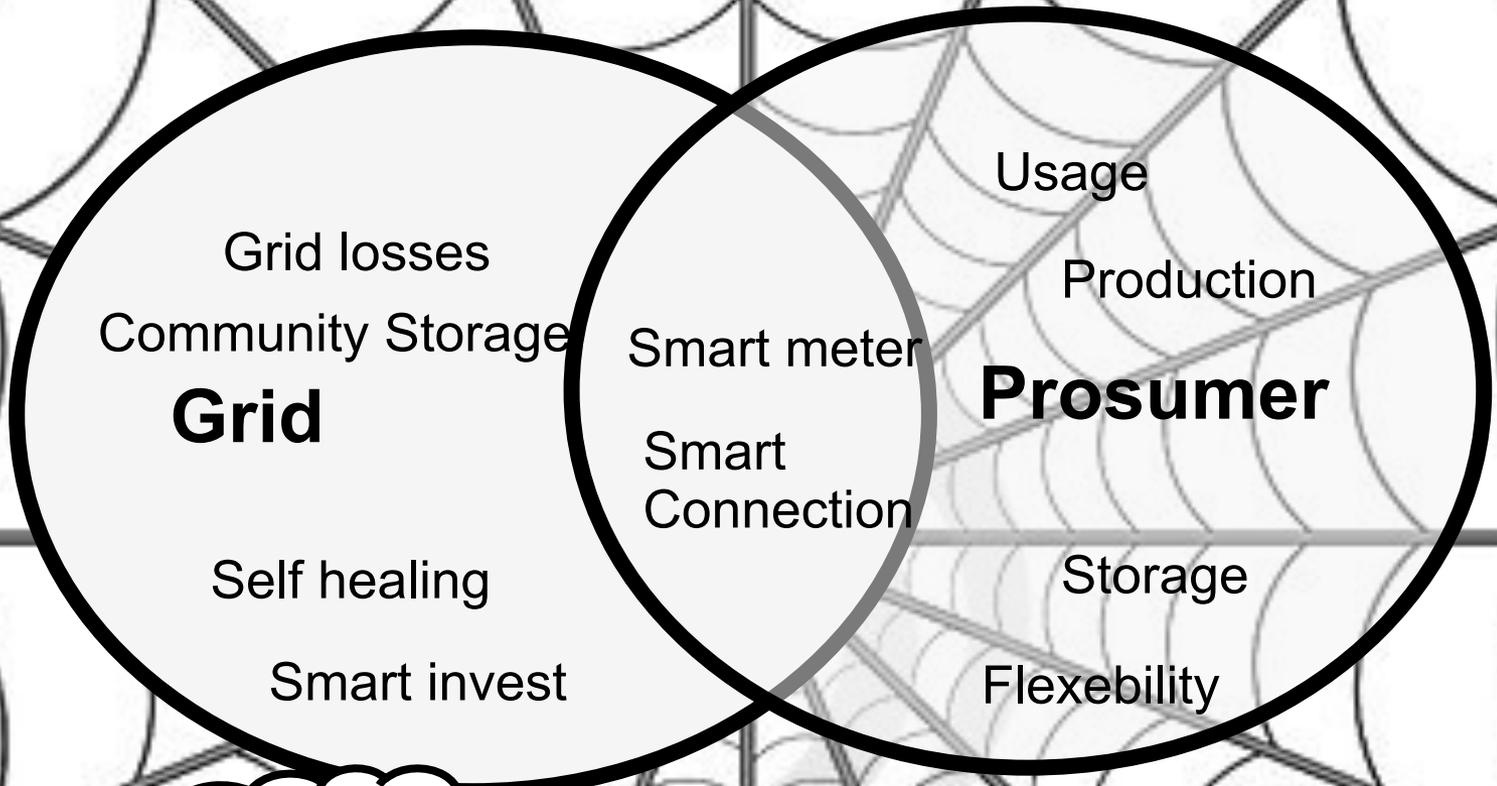
Flexibility - Balance



Flexibility - Balance



Innovations



Values energy storage?

- 1 Imbalance Demand – Supply: Flexibility
- 2 Power Quality (dips, harmonics, reactive power)
- 3 Mobility
- 4 Customer drivers
 - Own PV power first
 - Autonomy
 - No Breaks: Medical, safety
 - Reset clock
 - €: Lower feed in tariffs
 - €: Trading
 - €: Smaller connection
 - Local community green
 - Support local DC net
- 5 Prius Principle

Project: 2BCycled → Pampus

Waarde propositie 2BCYCLED

Hergebruik Accu's (H)EV

Jos Blom



1 juli 2013



Heat Storage

