

It's not about **need for change**,
it's about the **speed of change needed**
and
your role are in charting the course.



28 MARS 2019
À MONTRÉAL



COLLOQUE DE L'AIEQ

Osez l'innovation collaborative !

Pour saisir les opportunités du marché de l'électricité verte

PARTENAIRES 735 kV



SIEMENS

VOITH

PARTENAIRES 315 kV

AECOM

ANDRITZ

BBA

CANAM

CGI

CLAWSON

Englobe

FONDS

GE

Schneider

SNC-LAVALIN

Stantec

Surplec

TETRA TECH

WSP

**L'innovation au cœur de nos
processus d'affaires:
le projet The GREAT-DR**

**Innovation at the heart of
our business processes:
The GREAT-DR project**

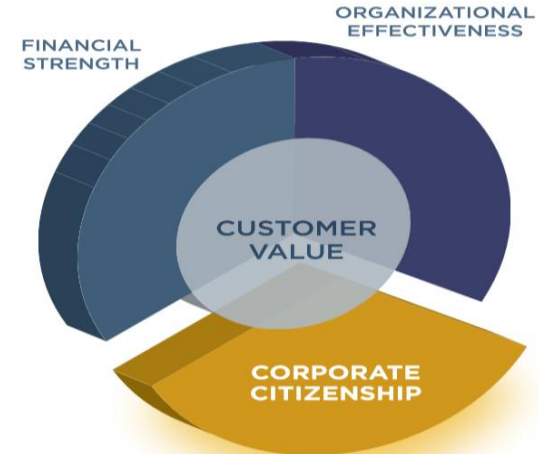
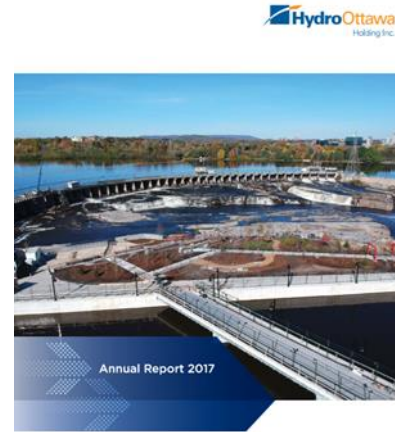


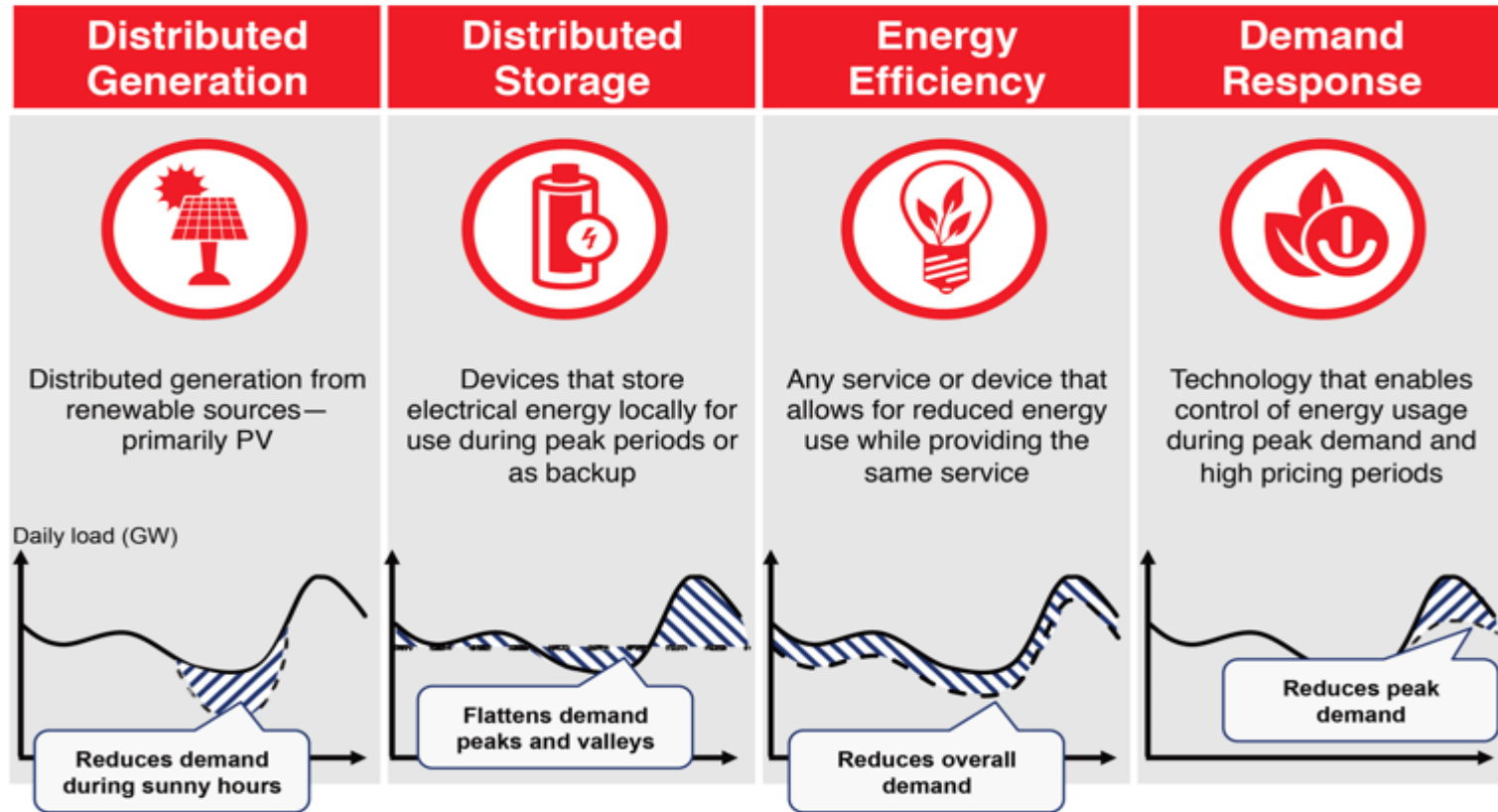
Raed Abdullah, P.Eng., IEEE SM
The GREAT-DR Initiator and Project Lead
Ingénieur Distribution, Hydro Ottawa



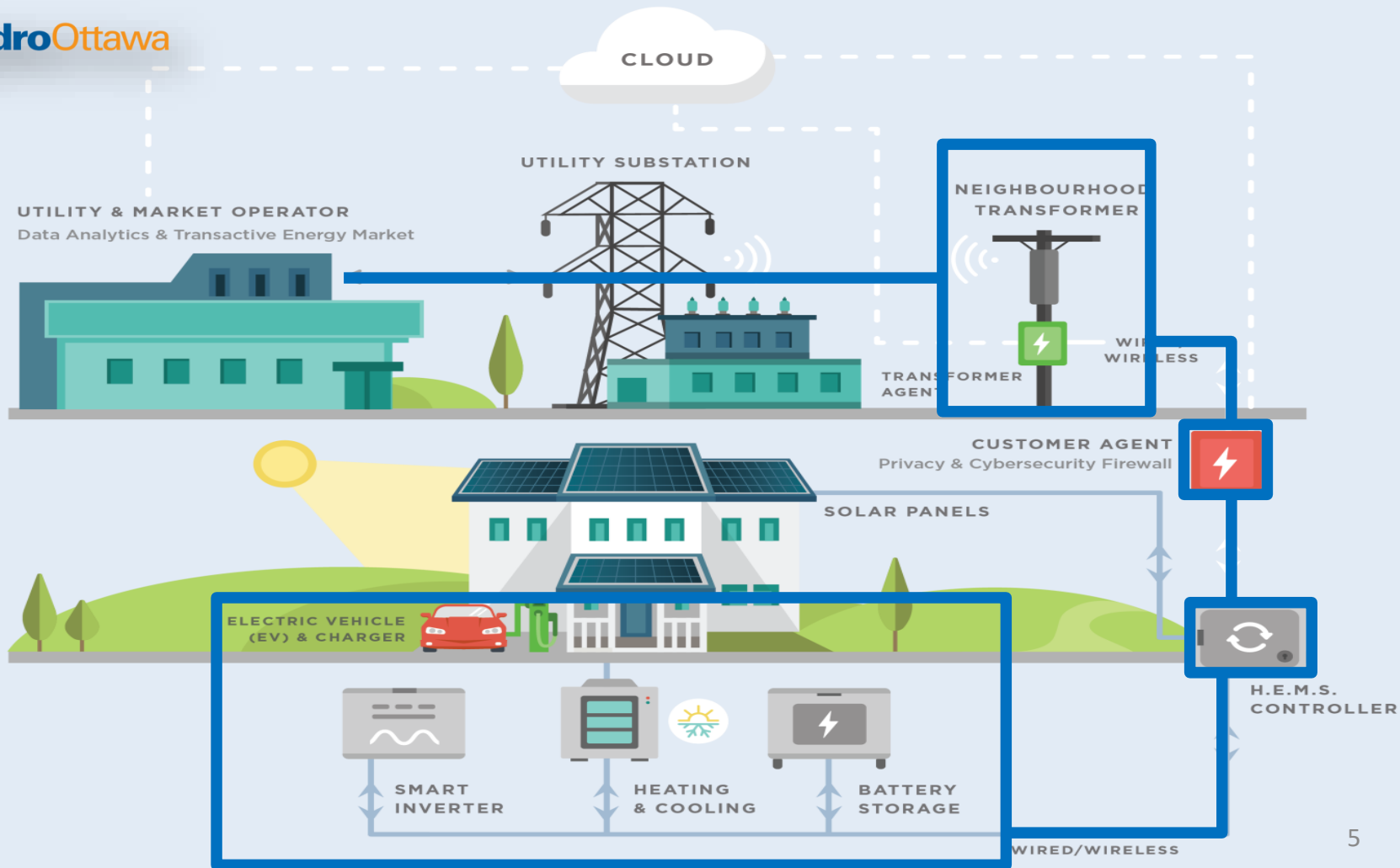
Hydro Ottawa Holdings Inc.

- ~660 FTEs; unregulated & regulated affiliates
- Hydro Ottawa Limited (regulated)
 - 3rd Largest LDC in Ontario; ~ 90% of HOHI employees
 - Services most of Greater Ottawa and Village of Casselman
 - 1,104 sq.km. Service Area
 - > 350,000 Customers
 - 2705km OH; 2800km UG
 - Peak Load: ~1240MW Winter; ~1300MW Summer
 - >85% Consistent Customer Satisfaction
- Envari (Energy Ottawa Limited)(unregulated)





Source: World Economic Forum



The GREAT-DR Value

Democratisation of
the Grid
Rise of the Prosumer



Electrification Ready –
improved environment



Industry credibility and
brand strengthening; new
dialogue with the Regulator
& better control over
destiny



Interoperable Transactive
Demand Response Platform –
Non-wires solution

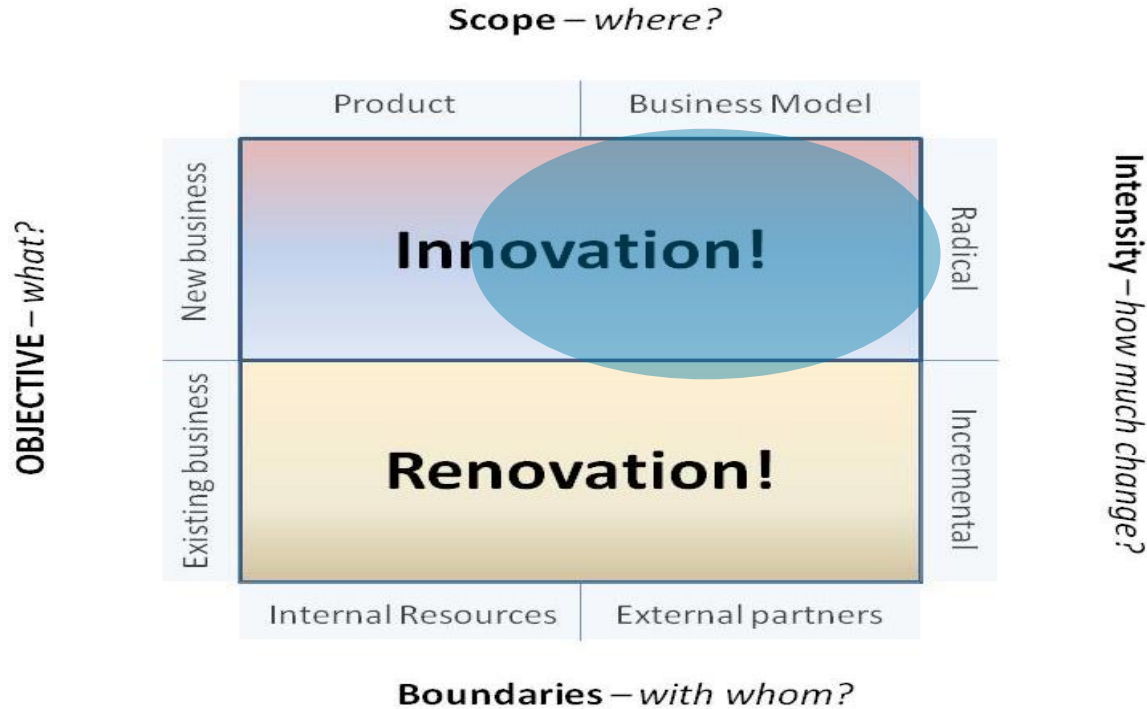


Flexible, accommodating grid with better
visibility for maintaining, operating and
planning

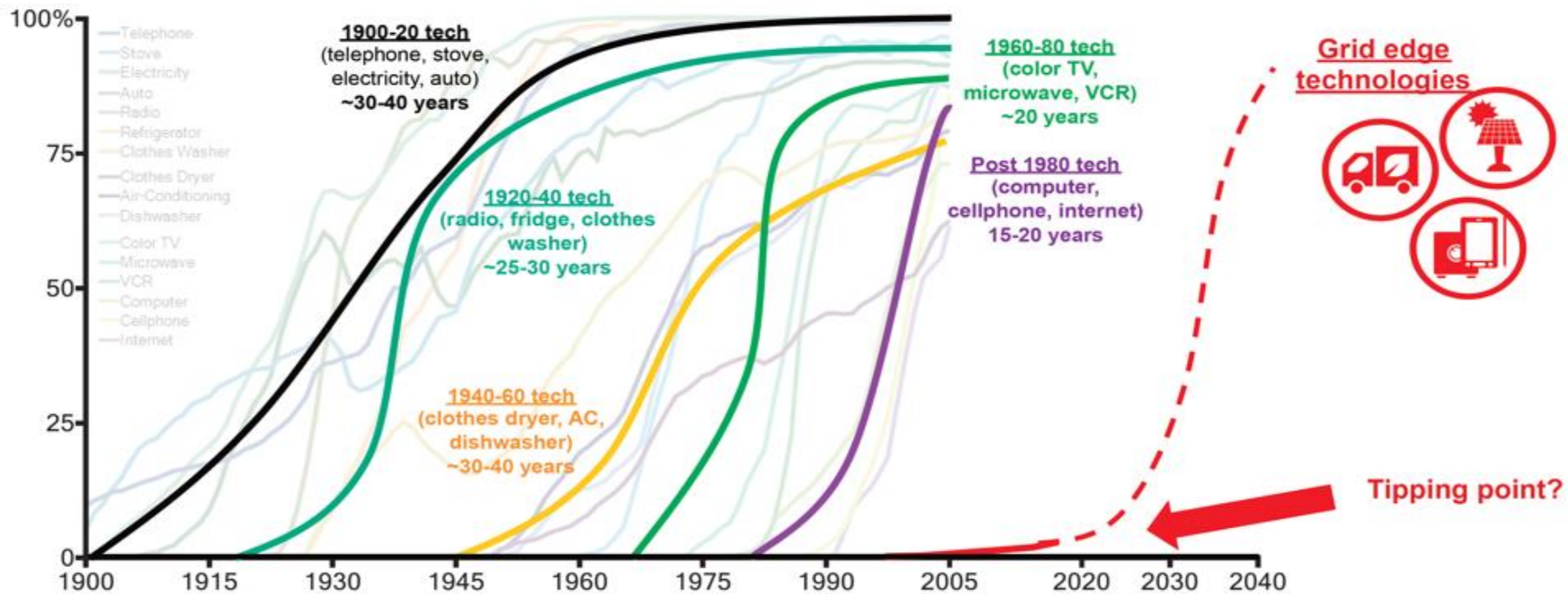


New business and
business model
potential; community
and customer
engagement

Inspiration



Technologies Penetration

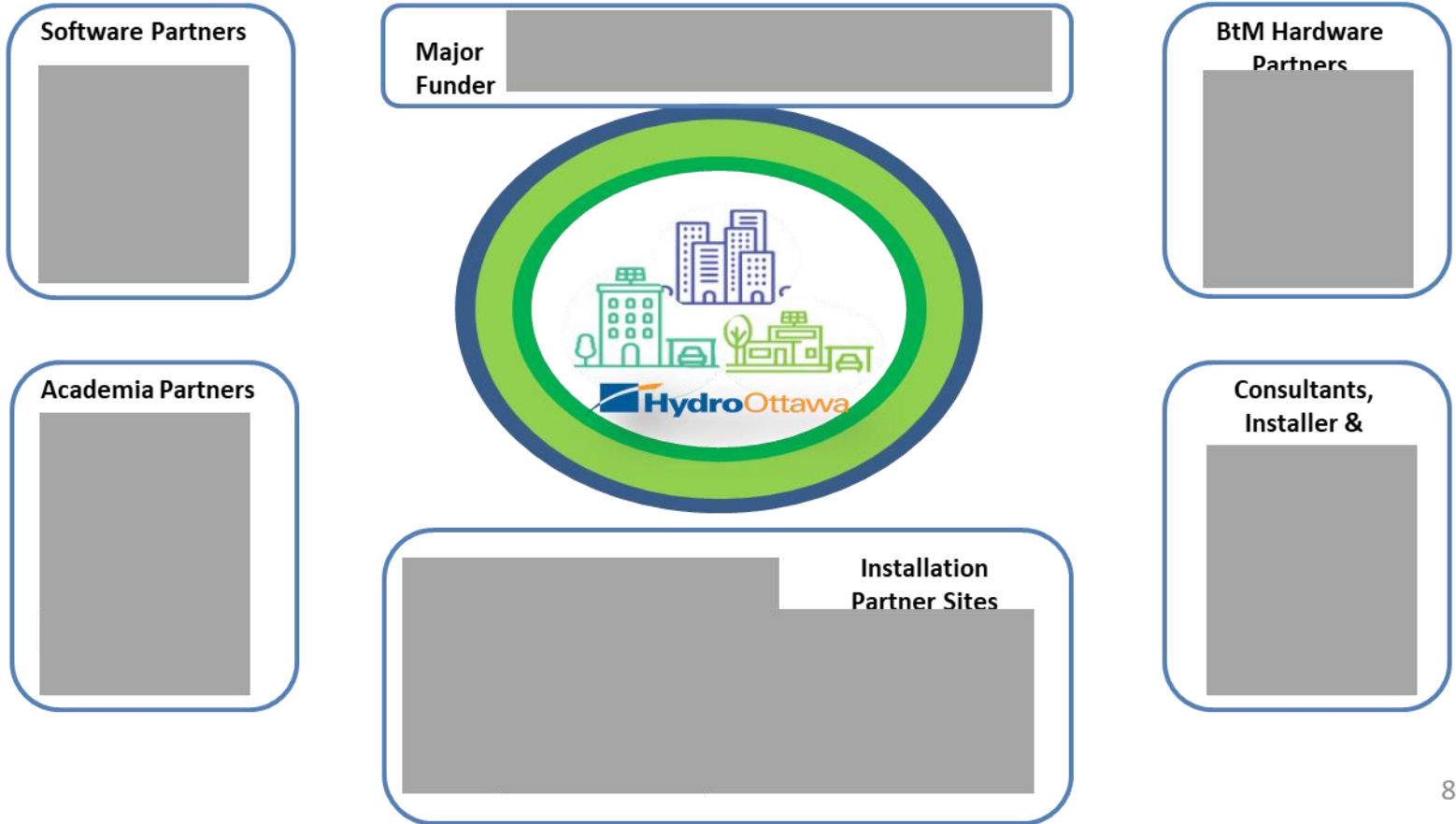


The GREAT-DR

The GRid Edge Active Transactional Demand Response



TGDR GROWTH, Support and momentum





A Wireless Family