IoT Solutions
Driving
Sustainability and
Climate Innovation
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Focus on reducing our own problems

Focus on creating a sustainable, renewable future for all
100% Renewable Energy Future

- Fossil alternative gets dirtier by the day
- Demand focus is key
- Eat less meat for a sustainable, renewable future
- Sustainable Energy for All by 2030
- Possible with existing technologies but not existing speed of innovation
- Selfgenerating, distributed energy future

Capture IoTs Transformative Potential for radical emission reductions

Source: Five Step Plan for a Low-Carbon Urban, WWF & Ericsson,
IoT potential in many areas of society

7.8 Gigatonnes of ICT enabled mitigation

Source: Global e-Sustainability Initiative, Smart 2020
We need disruptors and entrepreneurship

ICT Example: Ecolibrium

WWF Climate Solver platform, www.climatesolver.org
Climate Solver Tool – Estimating Positive Impact

**Wireless Demand Side Management**

Energy saving from wireless DSM

**Assumed market share for the solution:**

- Market share: 20%

**Calculate for the year:**

- Year: 2022

**GHG emission reduction enabled by Energy saving from wireless DSM**

Region:

20% market share, 2022:

$$7332026.85 \text{ tCO2e}$$
Finance solutions not problems
...and we need ICT activists too!

More ICT and Climate Change publications check
www.panda.org/ict