Energistyring og Sustainability trends

Thomas Schroeder
International Consultancy Manager
Energy & Sustainability Services, Schneider Electric

Sustainability trends…

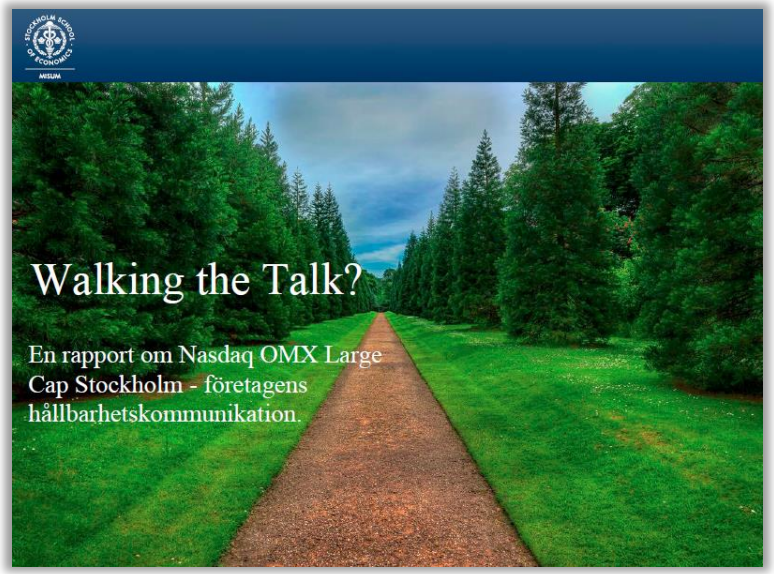
3

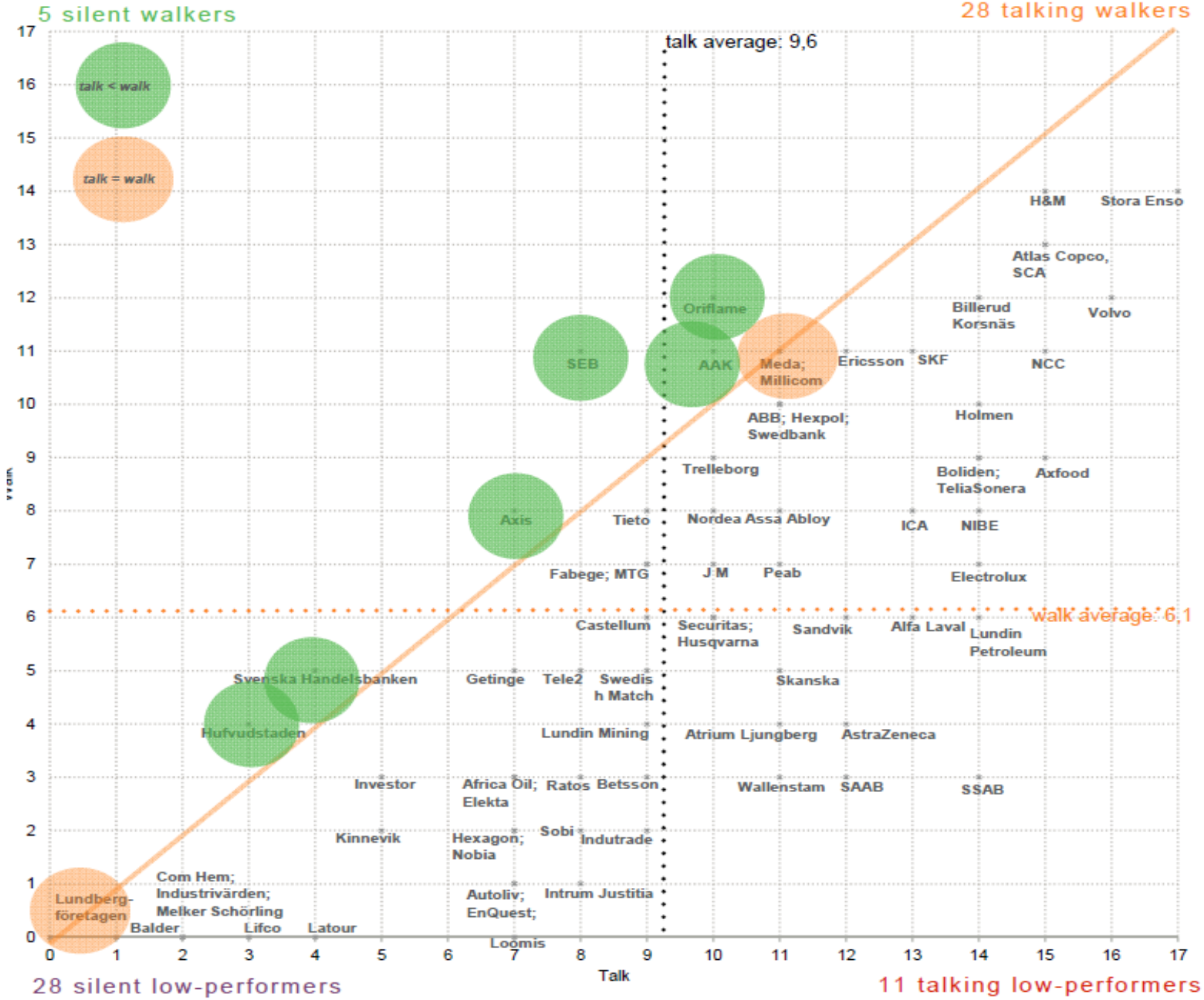
8

4

17

“Walk the Talk”

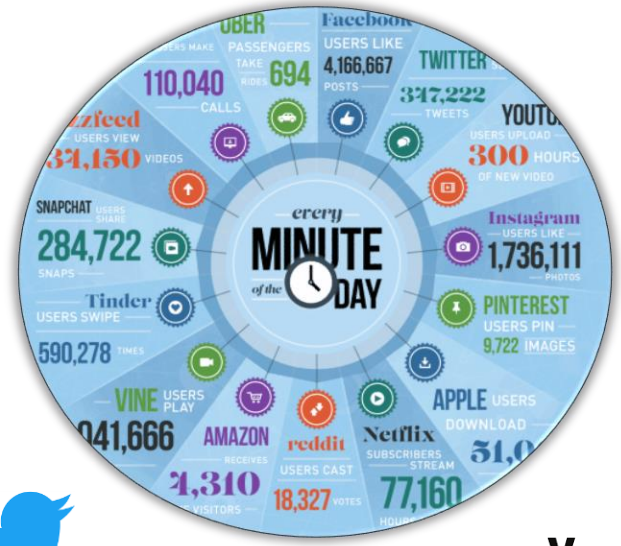




Every day, we create 2.5 quintillion bytes of data…

+4.100.000

+51.000

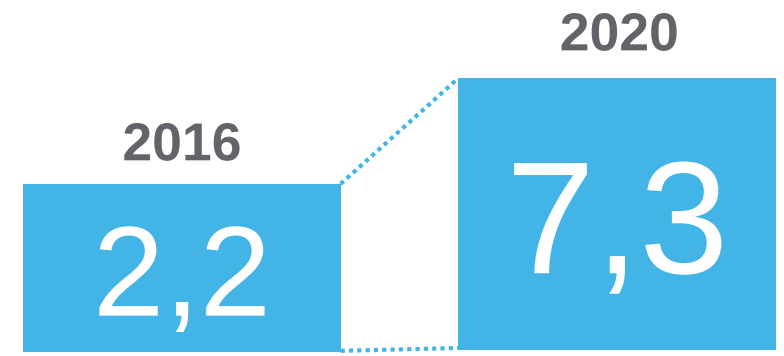


+284.000

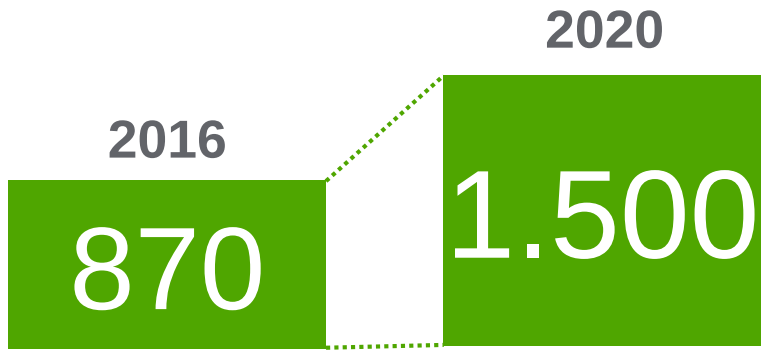
+347.000

+300

Units Installed Base in Industry
(Billion of units)

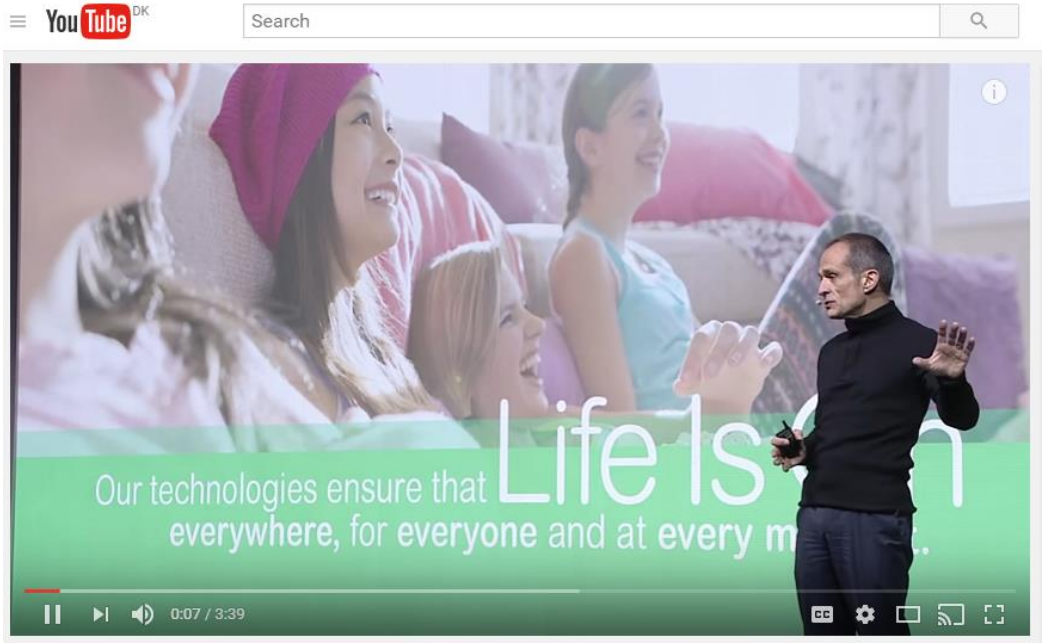


Digital investment in Industry
(Billion of dollars)



A word from our sponsor – Jean Pascal Tricoire

Innovation Summit 2016 Keynote Highlights



https://youtu.be/4Jm1qQ_SE4k

World Economic Forum 2017 in Davos

http://video.cnbc.com/gallery/?video=3000348498

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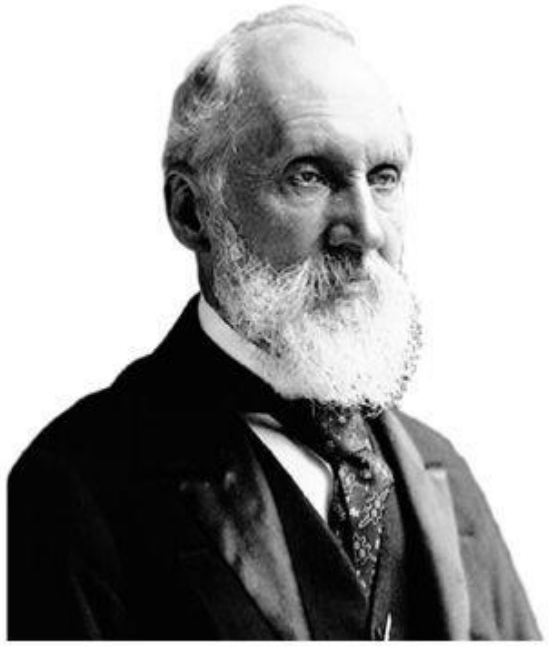
Bring you data into perspective and…



To measure
is to know.

– Lord Kelvin

IKEA

"You should measure things you care about. If you're not measuring, you don't care and you don't know."

– STEVE HOWARD

Platform and services for visualization and reporting

Connecting your energy data to your core business!

Resource Advisor

Decision makers are interested in two fundamental things

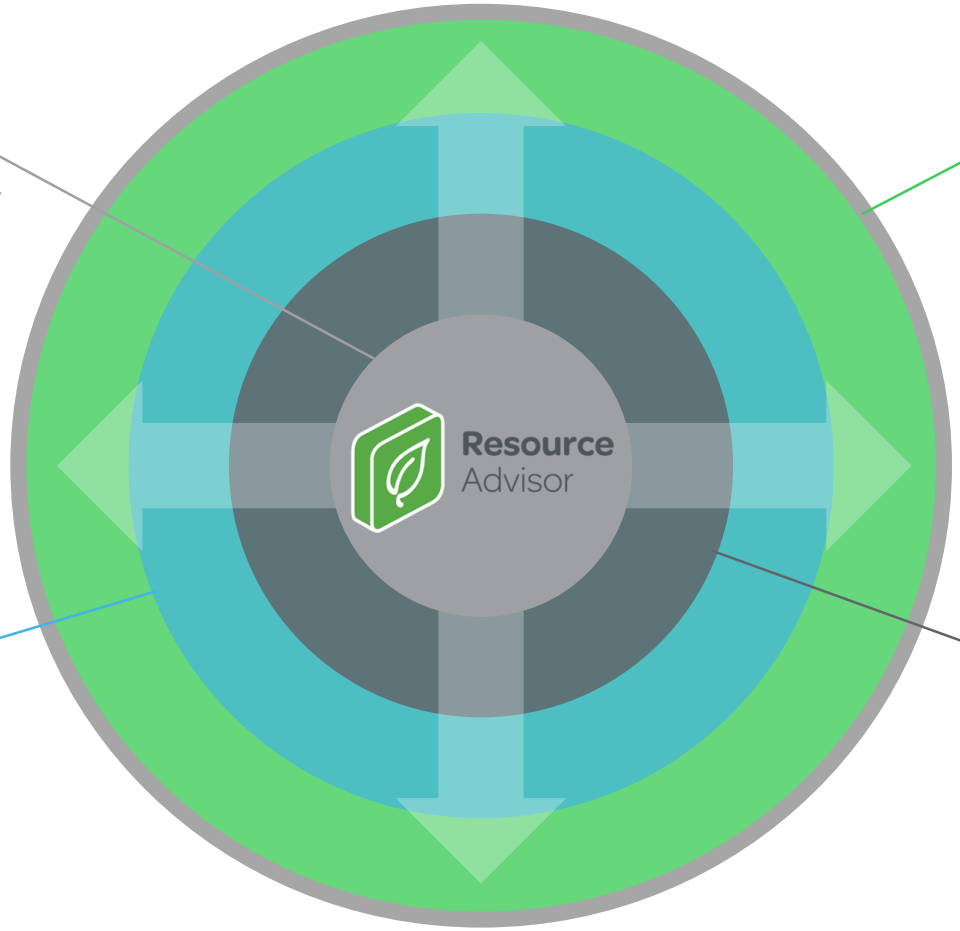
› Knowing what is likely to happen in the future (prediction)

› Making the best decision right now (optimization)

https://youtu.be/3eF8_d93qMs

We specialize in software solutions for planning, scheduling, optimization and predictive modeling, which address these two fundamental needs.

Centralized Data & Analysis Across The Energy & Sustainability Landscape



Global Data Management

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Collect, aggregate, verify and analyze energy and sustainability data across an organization

Sustainability

Track energy, water, waste. Reduce emissions, meet external reporting commitments

Efficiency

Reduce energy consumption by implementing operational, mechanical, and behavioral best practices

Procurement

Optimize energy supply and mitigate risk through procurement and budgeting best practices

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Identify & Track Energy Efficiency Opportunities

Global data management
Procurement
Efficiency
Sustainability

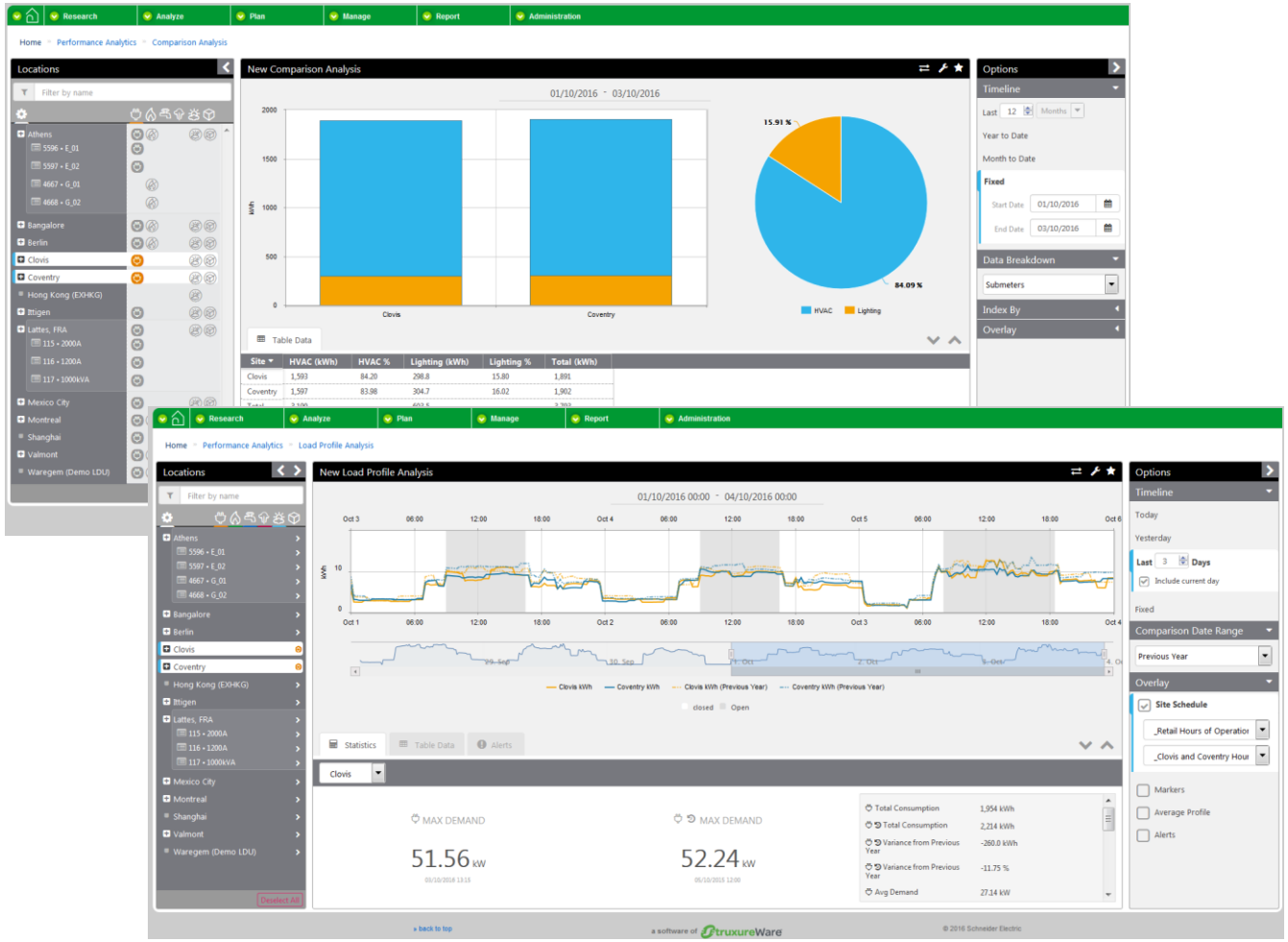
Put energy data to work, track energy performance

You need:

- Robust **energy monitoring** and targeting tool
- Compare and benchmark **performance**
- **Identify** and act upon energy efficiency opportunities

Resource Advisor allows you to:

- **Manage** interval data relating to your entire WAGES consumption
- **Compare** and benchmark facilities using raw or normalized data to identify opportunities
- Set **alarms** to issues or performance drift
- Configure **baselines** to track performance against target
- Centrally **plan and manage** the progress of energy efficiency projects across your portfolio



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One Source Of Truth For Streamlined Performance Reporting

Quick access to sustainability metrics and project information

Global data management
Procurement
Efficiency
Sustainability

You need:

- One source for sustainability data
- Easy reporting and compliance,
- Identify efficiency opportunities, and calculate ROI of projects

Resource Advisor allows you to:

- Track and report enterprise sustainability data (Water, Energy, Waste, Supply Chain and more)
- Utilize a best-in-class carbon management reporting platform and fully maintained emissions library
- Rank & benchmark facilities to identify improvement opportunities
- Increase internal awareness through communication

Metrics like corporate emissions by pollutant

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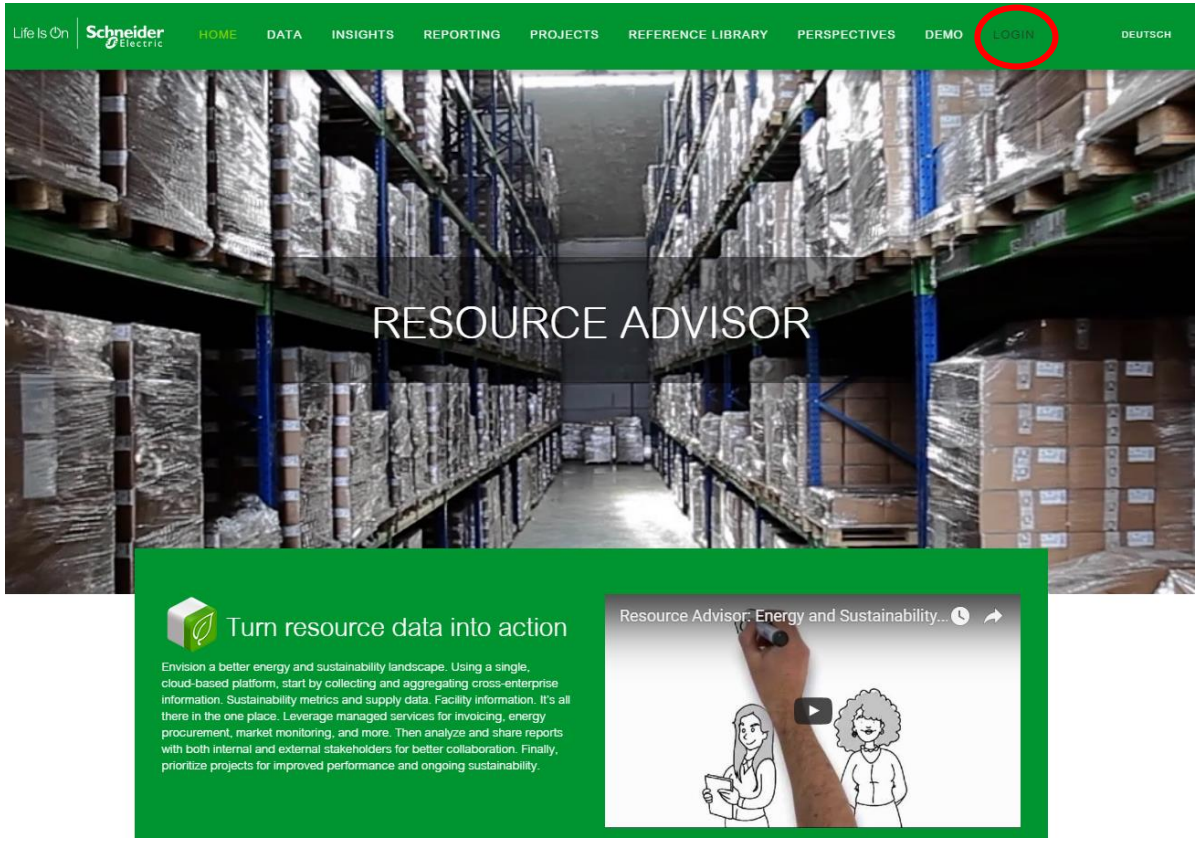
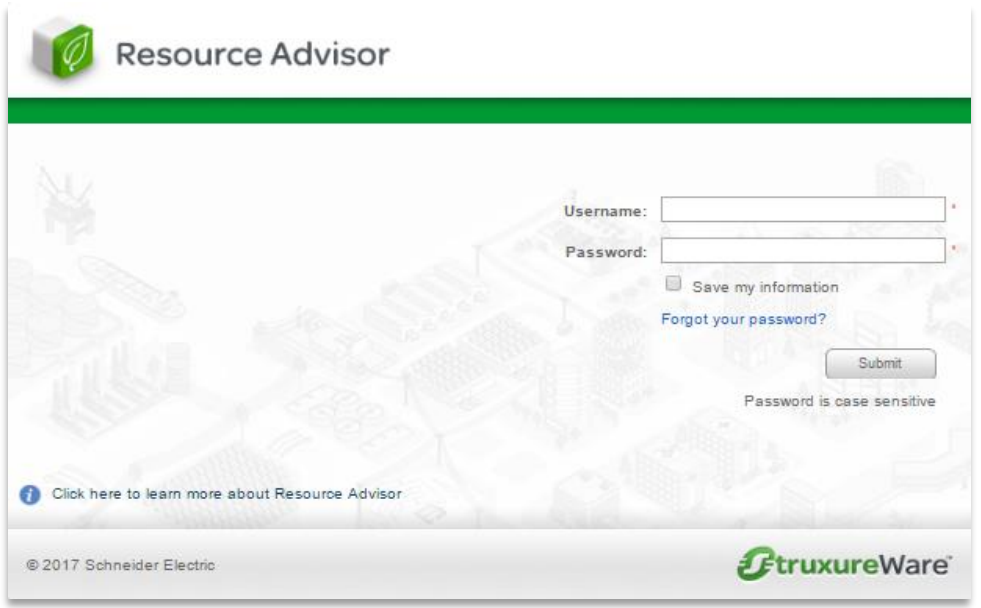
www.resourceadvisor.com





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