

The future is here...

Brian Kealey

Managing Director (Sri Lanka and Maldives)

Microsoft



@bkealey

“The future is already here –
It’s just not evenly distributed.”

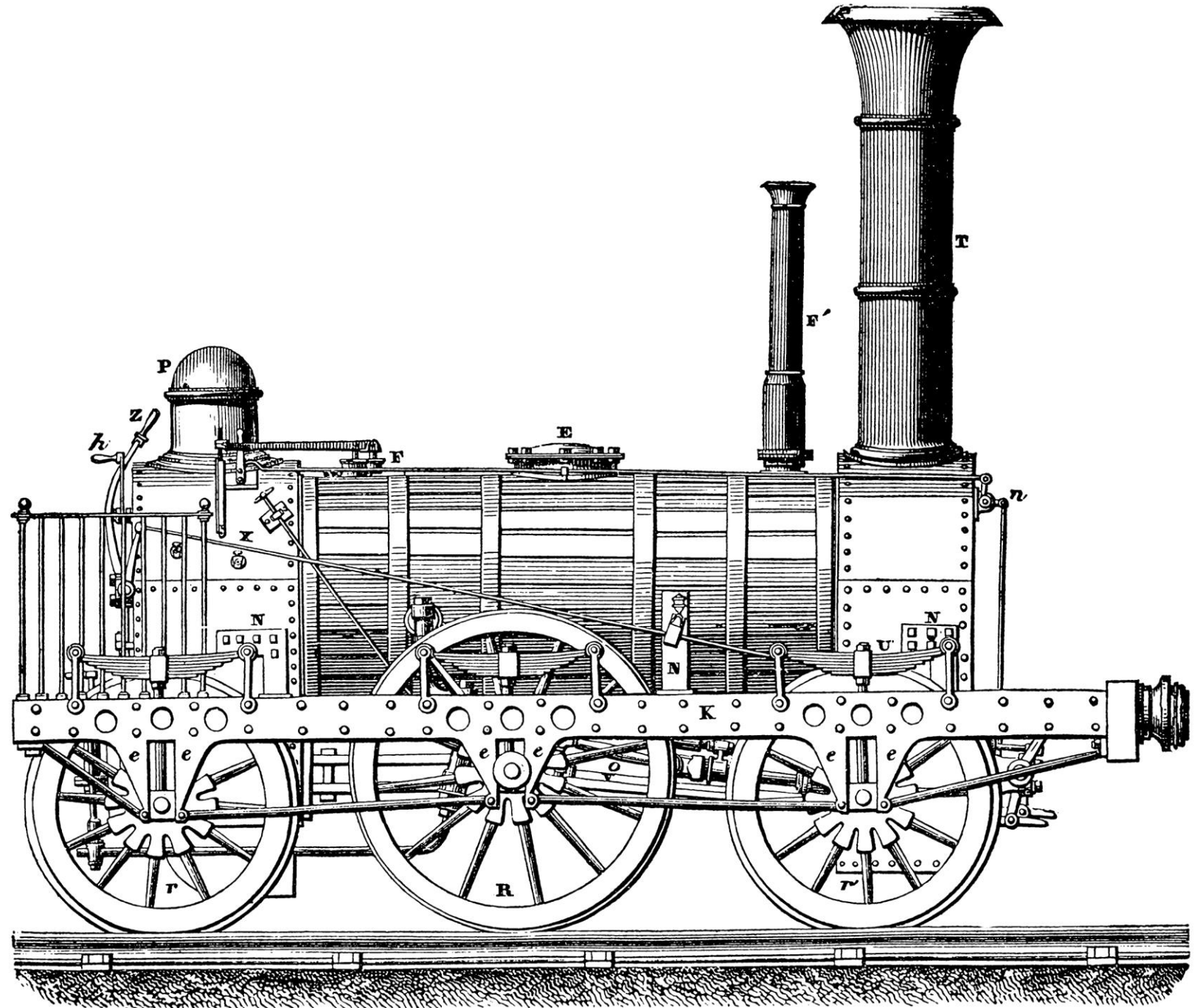
William Gibson



The Fourth Industrial Revolution

Klaus Schwab

The First Industrial Revolution: 1760-1840





The Second
Industrial
Revolution:
1870-1940







The Third Industrial Revolution: 1960-2015





MEADOWS COMPLEX II
1250 Lake Washington Blvd.
Seattle, WA 98117

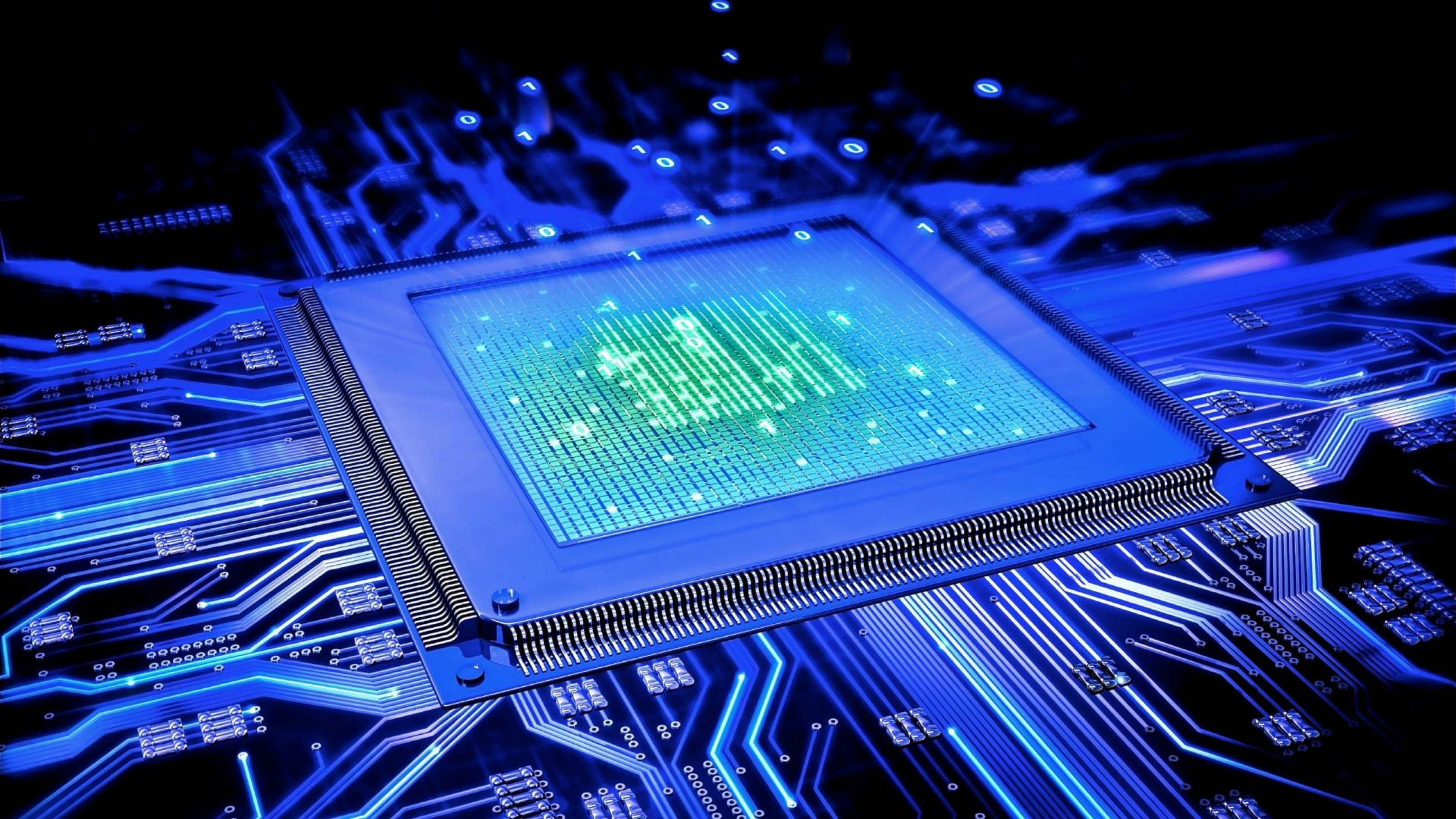
Dear Mr. Grant,

Since you began occupying Apartment 125, we've never had any complaints from the building manager or your surrounding neighbors. First we'd like to say how pleasant it's been having you as a tenant at Meadows Complex II. Your lease payments have always been prompt, and the exemplary condition of the apartment at the annual inspection last November inspired us to refund your damage deposit in full.

At that time we noted your possession of a small green reptile, which, as you explained, was not an ordinary housepet and therefore was not subject to the lease agreement you signed to obtain the apartment two years ago.

We agreed to make an exception, partly because of your reputation as a good tenant, and partly because of your testimony about the animal's harmless nature.

COMMAND: [F1] Copy Delete Format Gallery Help Insert Jump Library
Options Print Quit Replace Search Transfer Undo Window
Select option or type command letter
Page 1 0 7 99% Free Meadows Word: LETTER.DOC





The Fourth Industrial Revolution

- ➔ **Physical:** Autonomous vehicles, robotics, 3D printing, new materials
- ➔ **Biological:** Genetic diagnostics, treatment, engineering
- ➔ **Digital:** IoT, Blockchain, disruptive business models





*“I need our systems to think.
I need them to learn and
I need them to present issues
and problems and anomalies
to the employees, to the managers.”*

Adam Coffey

President and CEO
WASH Laundry Systems

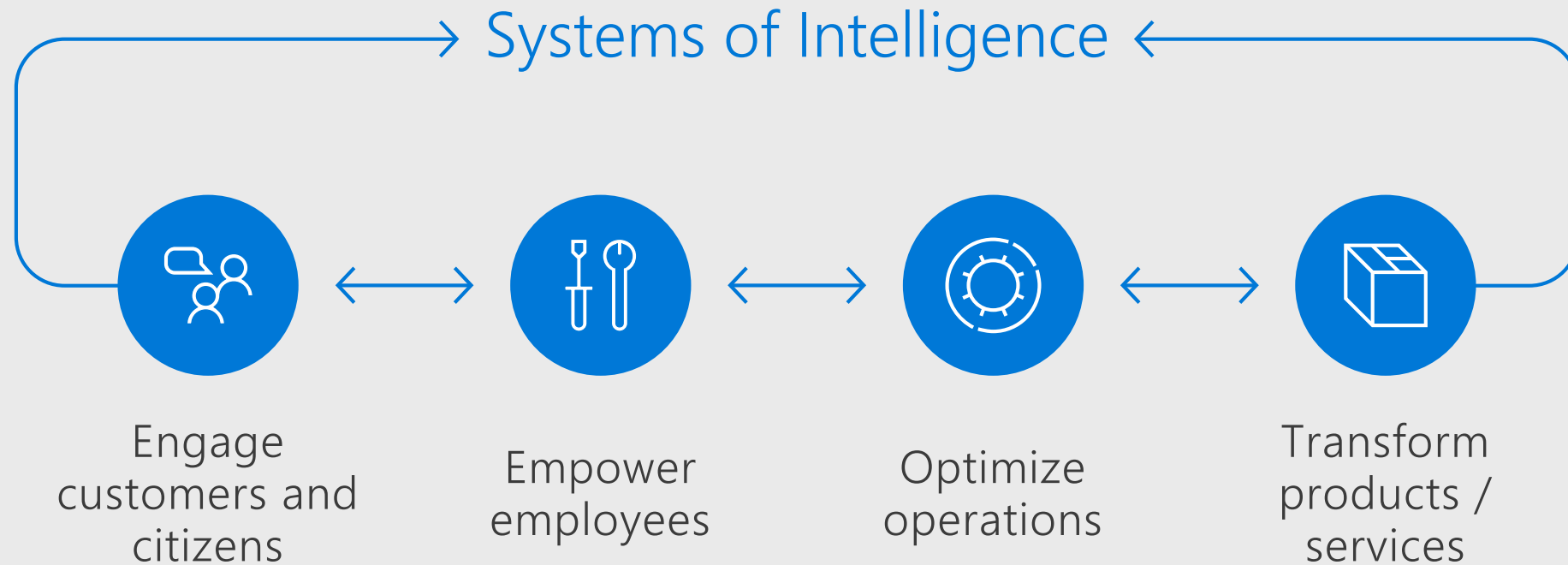
What is Machine Learning?

Computing systems
that become smarter
with experience

“Experience” =
past data + human input

Learning, trainable systems....

Digital Transformation



We need
plan for the
opportunities





Innovative Utility Transforms Streetlights into Digital Service Stations

Challenge

- Utilities like EnBW are looking to grow as competitive and sustainable businesses that deliver valuable products and services

Solution

- EnBW partners with Microsoft to create and evolve digitally enhanced street lamps that facilitate services for citizens and municipalities

Benefits

- Provides security and convenience for citizens
- Enables predictive maintenance on street lights
- Supports additional applications such as managing traffic, crowds, and air quality

“We transform our cities into real smart cities. With modern sensors and the right cloud, we can make multipurpose service stations out of simple street lamps.”

– Uli Huener, Head of Innovation Management, EnBW

The EnBW logo, consisting of a blue horizontal line followed by the letters 'EnBW' in a bold, blue, sans-serif font.

Consider
how our
markets and
jobs will
change...









“

We always overestimate what we can
achieve in a year...

And underestimate what we can achieve in 10...

- Bill Gates

Thank you...



@bkealey