



Framing the Challenge

Ian Roberts

Innovations for a **better world.**

BUHLER

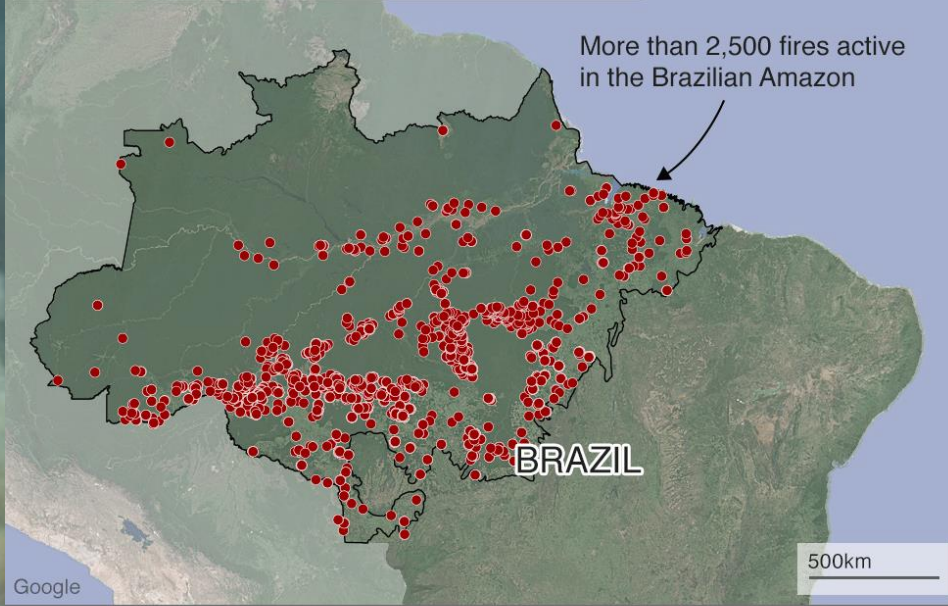
**July 29th
2019
Earth Over-
shoot Day**



**9.8 bn
people in
2050**



● Active fires in 48 hours to Friday 23 August, 14.30 GMT



Source: MODIS

BBC

GREENPEACE

Setting new measurable targets.

50% less

ENERGY

WASTE

WATER

Are we doing enough as

Industry



Company



Individuals



An aerial photograph of a dense, lush green forest. The trees are tightly packed, creating a vibrant canopy of various shades of green. A semi-transparent dark blue horizontal band runs across the middle of the image, serving as a background for the text.

**Sustainable solutions require
sustainable business models**

**New
technologies**

**Diverse
people &
capabilities**

**Widescale
collaboration**

**Business
leadership**



Sustainable Food and Feed Value Chains

Sustainable Mobility of the Future

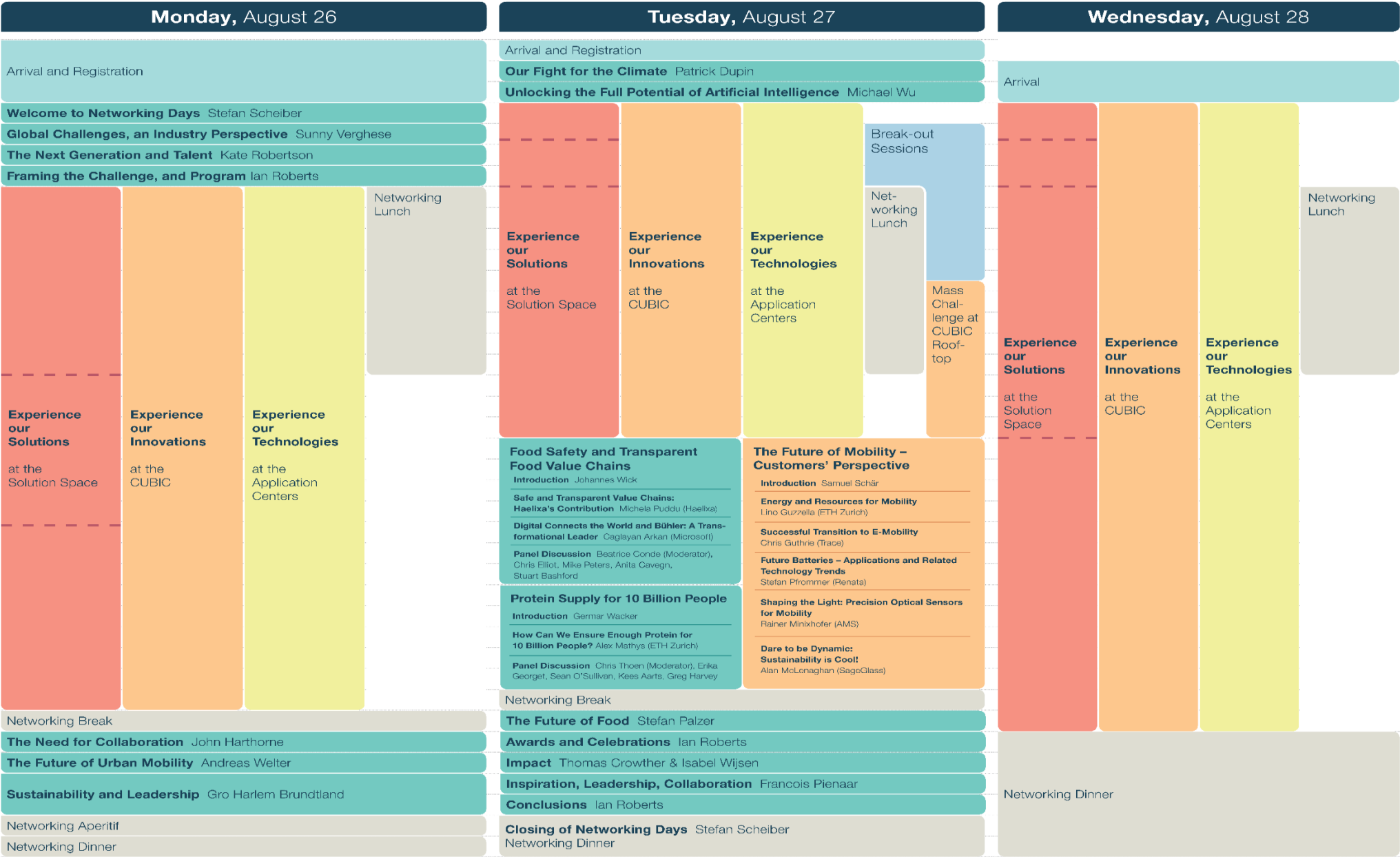
Talent

Digital

**Collabo-
ration**



Creating tomorrow together.



Break-out Sessions

Tuesday, 27th August
(Registration at Info Desk)

10:30 – 11:30

Creating Value from Sidestreams.

Room 1

War on Obesity: Nutritional Warnings and the Pleasure of Food?

Room 2

Energy Transition – Different Perspectives.

Room 3

Sustainable Sourcing and Nutrition.

Room 4

11:45 – 12:45

Data Security.

Room 1

Get More Out of Your Assets.

Room 2

Shared Mobility – Which Platforms Will Drive the Future?

Room 3

Zero Emission Food Processing Plant?

Room 4

Heroes of Malt

(Registration at Info Desk)

Join our Malt Experience hourly from 13:00 – 17:00 at the Solution Space.





**Solution
Space**



Main Stage



CUBIC



**Application
Centers**

**Break out
sessions**



Innovations

Education

Start ups

A wide-angle photograph of a modern industrial facility, likely a food processing plant. The scene is filled with complex machinery, including robotic arms, conveyor belts, and large storage bins. A prominent yellow overhead crane beam spans the top of the frame. In the foreground, there are several large metal hoppers and bins, some containing white powdery material and others with orange granules. A set of stairs is visible on the left side. Three large, semi-transparent yellow circles are overlaid on the image, each containing white text. The overall atmosphere is clean, bright, and technologically advanced.

Technologies

New
applications

Training

Breakout space is limited so sign up at the information desk.

**Sustainable
Nutrition**

**War on
Obesity**

**Energy
transition**

**Value
creation from
sidestreams**

Data security

**Get more out
of your
assets**

**Shared
mobility**

**Zero
emission
food
processing**



Solutions

Digital

Big Bangs



Together we intend to find the
ten most impactful startups
and technologies to mitigate
climate change and accelerate
their global scale-up

Partnership
session
Tuesday 12:30
CUBIC Deck



All food from
Switzerland



ALL TABLEWARE AND
CUTLERY IS
BIODEGRADABLE



Event App



A high-contrast photograph of Earth from space. The sun is rising over the horizon on the right side, creating a bright orange and yellow glow. The Earth's surface is visible, showing dark blue oceans and lighter blue/white clouds. The horizon line is curved, and the sun's rays are visible as a bright streak. The overall scene is dramatic and inspiring.

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a **better world.**