



COMMITTED TO
IMPROVING THE STATE
OF THE WORLD

Platform for Accelerating the Circular Economy (PACE)

Co-Chair Call

September 2017

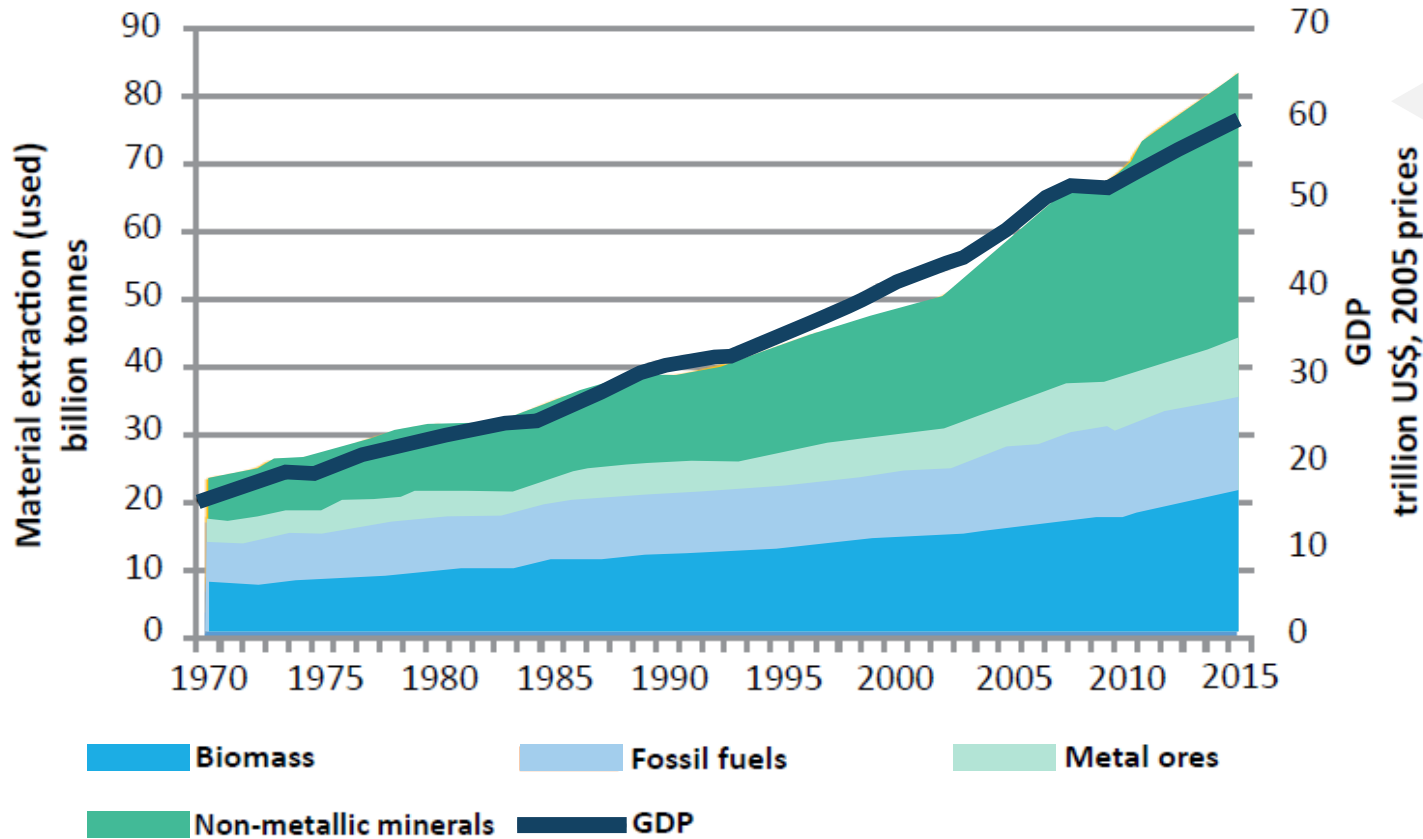
Initiative video- *Put in presentation mode and click twice to play*



The World Economic Forum

THE CIRCULAR ECONOMY

Dematerializing consumption and production is a key to a circular economy

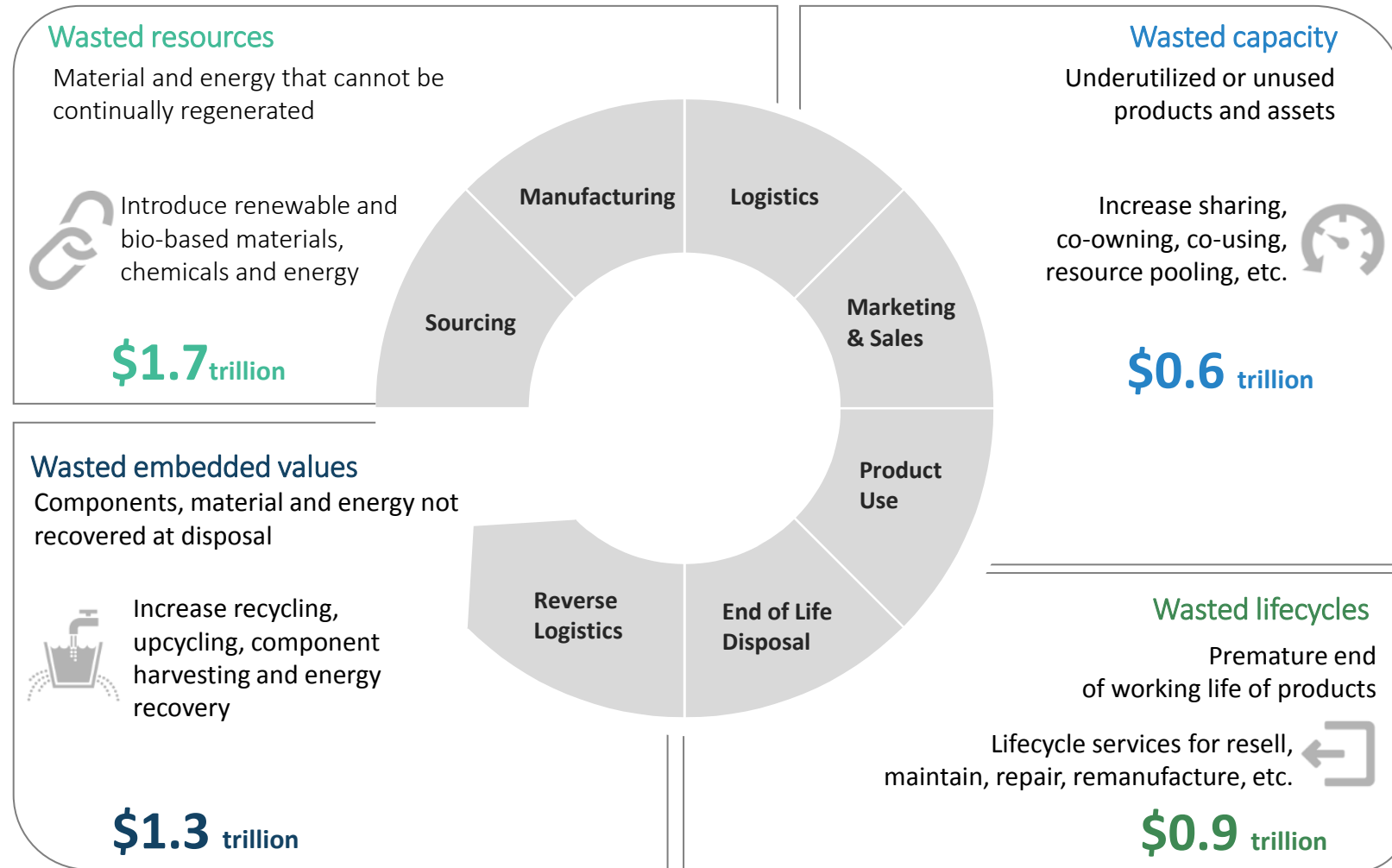


- Extraction of materials grew from 22 billion tons per year in 1970 to 70 billion tons per year in 2010
- Projected to reach 100 billion tons per year by 2030 (OECD)
- Factors include:
 - *Growing global resource consumption*
 - *Large shift of economic activity to less material-efficient economies*
 - *Asia -Pacific has increased its global share of material use from around 25% in 1970 to above 50% in 2010, while becoming a net exporter of materials through large exports of manufactured goods which are mostly consumed in Europe and North America*

Source: International Resource Panel, 2016

There is a 4-dimensional view on waste along the value chain in a Circular Economy

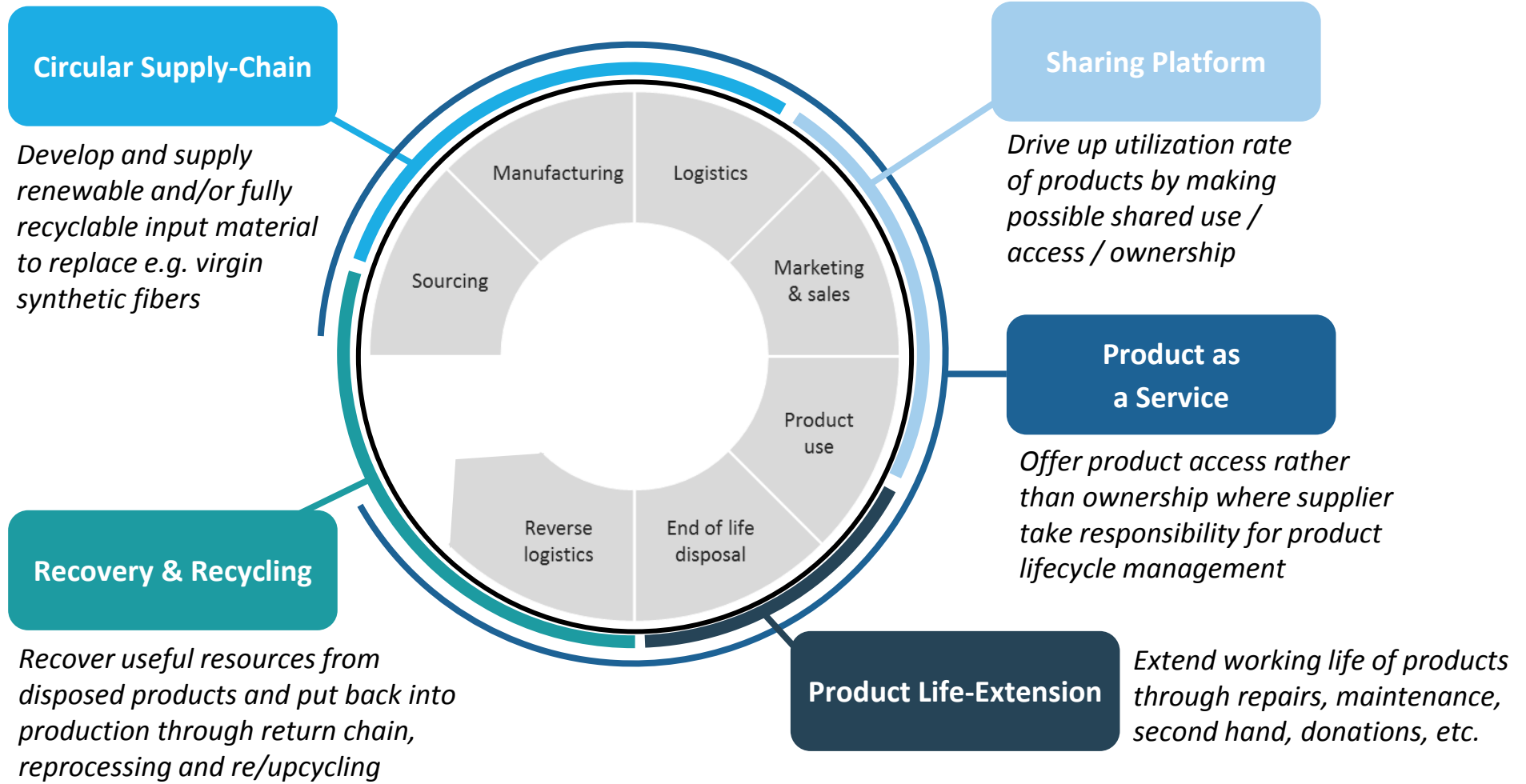
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Source: Waste to Wealth, Accenture, 2015

Five Circular Economy approaches provide a clear framework for action

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Circular Economy can also accelerate the progress towards achieving the SDGs

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The Circular Economy is about transforming our production and consumption approaches....



Sustainable Production and consumption

CE in India could lead to **82% less consumption of virgin materials** in transportation & vehicle manufacturing by 2050

...but given the system transformation, it will positively impact a number of other SDGs.



Zero Hunger

Reducing or reusing the present amount of food wastage can feed **870 million hungry people** in the world



Clean Energy

In the US, **community based solar power** plants are expected to provide **30GW of power by 2020**



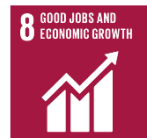
Sustainable Cities & Communities

In CE scenario, a city could source **\$ 21 billion worth of gold and silver** that goes into the electronics each year **from its own waste**



Clean Water & Sanitation

Circular Economy has been shown to almost **halve the no. of years of anticipated water shortages** in water stressed regions of California



Good Jobs & Economic Growth

About **500,000 jobs are created by the recycling industry** in the EU, and this number could well rise in a CE scenario



Life Below Water

The European Commission is to adopt a **strategy on plastics** in the Circular Economy to **reduce marine litter by 30%** by 2020