Introduction and objectives of the Workshop

EC-IRP Workshop on *Promoting Remanufacturing, Refurbishment, Repair, and Direct Reuse* as a contribution to the G7 Alliance on Resource Efficiency

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The context
SUSTAINABLE DEVELOPMENT GOALS: 1 UNIVERSAL AGENDA, 17 GOALS
Achieving 12 SDGs directly depends on resource management

Source: J. Potočnik, Co-Chair, International Resource Panel
The European Commission work on resource efficiency

--Thematic Strategy on Natural Resources (2005)
  -> launched the idea of the IRP


- Roadmap to a Resource Efficient Europe (2011)

Circular economy
Transition towards a Circular Economy

- Maintaining the **value** of products, materials and resources in the economy for as long as possible
- Minimising **waste generation**
- Boosting our **competitiveness** with new business opportunities and innovative products and services
- Bringing economic, social and environmental **gains**
2015 G7 Summit under Germany's Presidency: **G7 Alliance on Resource Efficiency**

2016 G7 Environment Ministers' Meeting under Japan's Presidency: **Toyama Framework on Material Cycles**

2017 G7 Environment Ministers' Meeting under Italy's Presidency: **Roadmap?**

2017 G20 under Germany's Presidency: **G20 Resource Efficiency Partnership?**
This Workshop
Remanufacturing, refurbishment, repair, and direct reuse are components of Resource Efficiency / Circular Economy / 3Rs / Sustainable Material Management -> G7 Alliance

The International Resource Panel will publish a report in May 2017 with a focus on three sectors: motor vehicle parts, heavy-duty equipment and commercial imaging products

In (partial) follow-up to:

- Workshops on Potential for Resource Efficiency and Innovation in through Remanufacturing, Refurbishment, Repair and Direct Reuse, Berlin and Beijing, October 2016, organised by the IRP
Objectives

- To present the **preliminary findings** of the future IRP report *Resource Efficiency and Innovation in Circular Economy through Remanufacturing, Refurbishment, Repair, and Direct Reuse* and receive feedback from participants.

- To better understand the **role** that remanufacturing, refurbishment, repair, and direct reuse can play in a circular economy.

- To identify **main barriers** and how to address them.
Objectives (cont'd)

- To discuss **policy frameworks** and **consumer acceptance**
- To identify the **main knowledge gaps** and **research needs** associated with transitioning towards a circular economy
- To discuss **possible recommendations** that could feed into the preparation of the 2017 G7 Environment Ministers’ Meeting under Italy's Presidency
Thank you for your attention!