What is the Plastics sector already doing in terms of RE and CE?

- Plastics offer many of the solutions for future challenges during their use phase they allow considerable resource savings.

Food & Health

- Combating shortages/spoilage/waste of food and drinking water
- Increasing the productivity of land
- Facilitating diagnosis and treatment
- Making more effective and life-like prostheses
- Enabling higher quality of life for aging population

Energy & Climate

- Enabling energy efficiency/savings
- Supporting the search for a new energy mix
- Enabling renewable energy
- 100% recovery from plastics waste
- Offering enhanced resource efficiency – doing more with less

Construction & Housing

- Improving the energy efficiency of homes and workplaces
- Facilitating infrastructure
- Enabling comfort

Transportation & Mobility & Communication

- Making transport means (car, train, aerospace, boat) lighter
- Facilitating mobility and communication
- Opening up new possibilities with nanotechnology
- Developing faster, cheaper chips using conductive plastics
Life Cycle Thinking and Risk Management: Two Key Success Factors for RE and CE

Natural resources

Extraction of raw materials

End of life management

Risk Management

Production of technical materials

Disposal, dissipation, increasing entropy

Design for optimal functionality

Distribution

Reuse, Refurbishment

Use phase, maintenance
How good is the new CE package for businesses / How to implement the CE package and what is the role of business?

- If a **competitive and resource efficient Europe** remains at the heart of the thinking and the **life cycle approach is followed**, the story should be a successful one.

  - The 55% recycling target for plastics packaging is an ambitious objective.
  - Further clarification of certain definitions, responsibilities is required.
  - “Zero plastics to landfill” needs to become part of the long term goal.

  - Consumer education/behavior is key to achieve CE deliverables.
  - Strong collaboration along the value chains is needed.

*The CE package still needs to go through Council and Parliament - therefore in answer to the first question: all depends on what ends up in the final adopted text.*