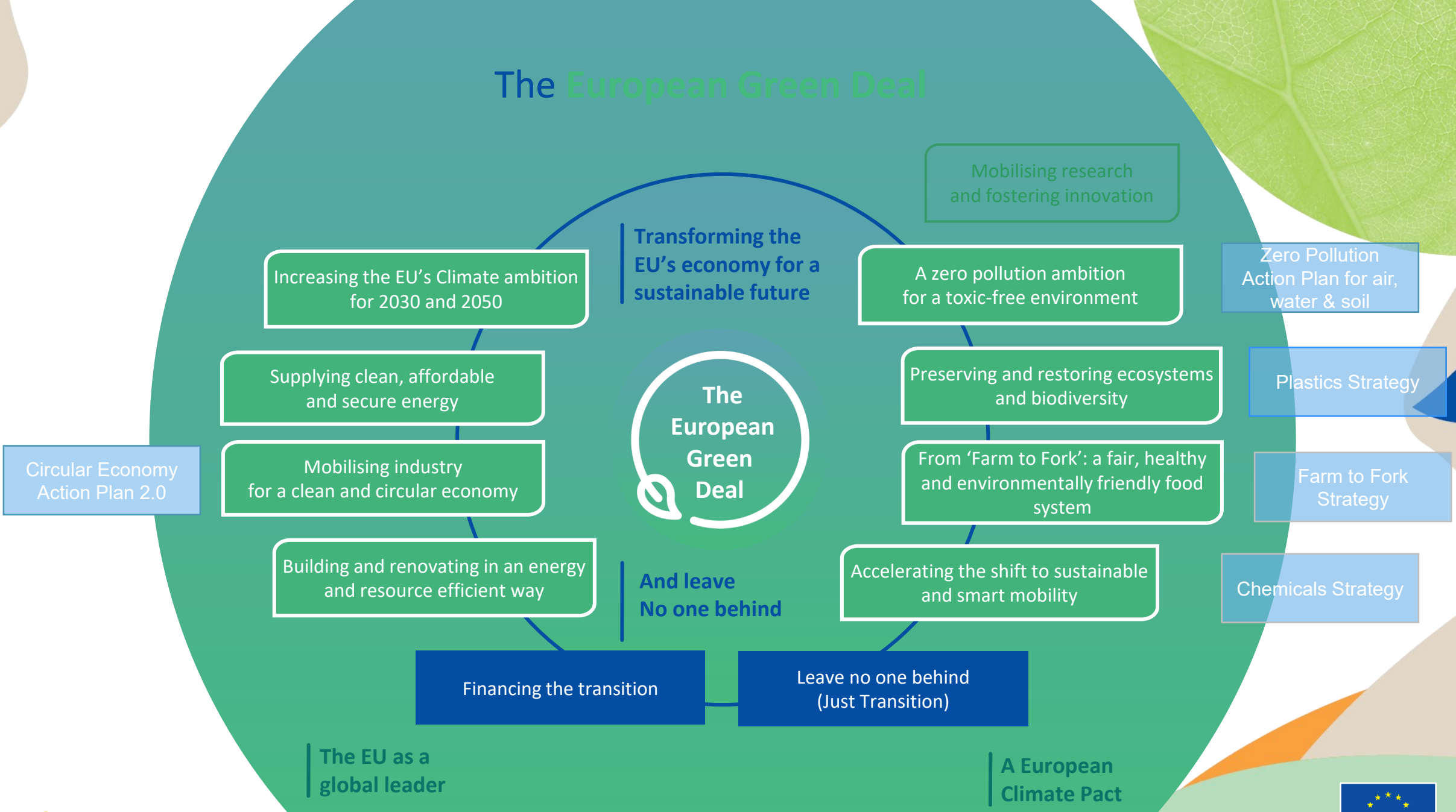
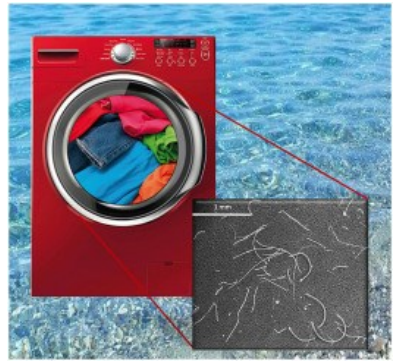
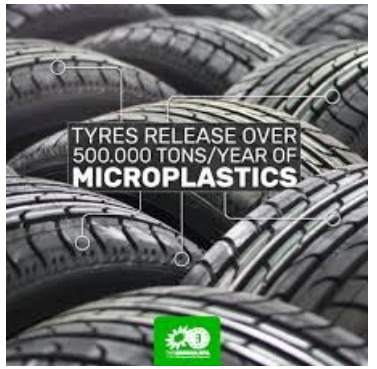
# The European Green Deal




https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal_en

# EU actions on microplastics






**Mitigation measures**

- **intentionally added microplastic particles**
  (primary microplastics)
  deliberately manufactured particles,
  added to products, such as cosmetics,
  detergents, paints, …
  - ➢ **REACH Restriction**

- **Unintentionally released microplastics**
  (secondary microplastics)
  from mechanical, chemical and light induced breakdown
  of bulk plastic litter as well as **tyre wear** debris and
  fibres from **textiles**, **paints**, **geotextiles**, … and **pellets**



European Commission

# Close knowledge gaps

- **Monitoring** of microplastics in drinking water, surface water, groundwater, costal water, wastewater, sewage sludge, soil, …
  **Harmonised/standardised methods**
  (Sampling / Identification / Quantification)
- **H2020 and HE Research projects**

  Sources, breakdown mechanisms / pathways / fate

  Effects of microplastics on environment and human health, thresholds

  Economic impact assessment

  Innovative technologies (tracking, recycling, removal)

  Alternatives

  How to prevent release?

  Best practices ….

# Questions

- What do regulators, e.g. DG ENV and EEA, need most urgently from the scientific community?
- Is micro(nano) plastics a **risk for human health?**
- What is the **most important scientific question to answer** with respect to micro- and nanoplastic pollution?
  - What hinders you to answer this question now?
  - When will you answer this question?
- What scientists, e.g. from CUSP research cluster, see as **most efficient policy action to tackle micro(nano) plastics pollution**?