



Ympäristöministeriö
Miljöministeriet
Ministry of the Environment

Wood Building and Circular Economy

Kemi 24.5.2018 Hannele Pokka



Finland chair of the Arctic Council 2018–2019

- Connectivity
- Meteorological service
- Environmental protection
- Education



Climate change is already visible





Economy, risk management and environmental protection are not separate issues



Circular economy is a megatrend just as strong as digitalisation

Leading the cycle – Finnish road map
to a circular economy 2016–2025

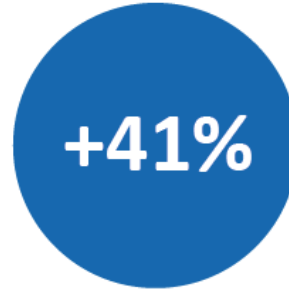
Raw Materials demand in the World 2010–2030



Food



Energy



Water



Steel



Wood
bends
into
many
shapes

Almost a quarter of the value of Finland's goods exports comes from the forest sector

- Pulp and paper, paperboard
- Wood-products industries
- Forestry



weather resistant Kerto LVL on the roof of Zurich zoo's elephant house

Renewable natural resource from our own forest

- **Building with wood is the backbone of the bio-economy**
- Increase the storage of carbon bound in the Finnish forests
- Promote the long-term use of timber in construction
- Improve the **material efficiency** of construction
- Reinforce the **circular economy** in construction
- Improving the sorting and recycling of building waste
- Create an **effective recycling market** for demolition materials and products.
- **Improve industrial symbiotic relations** between building construction and other industrial sectors.

Use of wood for energy consists of side-streams - scenario for 2030

