25th OSCE Economic and Environmental Forum
"Greening the economy and building partnerships
for security in the OSCE region"
SECOND PREPARATORY MEETING
Astana, 14 - 16 June 2017
Session 1, Ms. Elfriede More, Federal Ministry of Agriculture,
Forestry and Environment, Austria

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**MINISTERIUM
FÜR EIN
LEBENSWERTES
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RESOURCE EFFICIENCY AS PART OF ENVIRONMENTAL POLICIES

ELFRIEDE A. MORE

Ministry of Agriculture, Forestry, Environment and Water Management, Austria

ASTANA, 15 JUNE 2017

OVERVIEW

- RESOURCES - ENVIRONMENT – SECURITY

- CHALLENGES & OPPORTUNITIES

- RESET2020 – INITIATIVE

- RESET2020 - ACTIVITIES
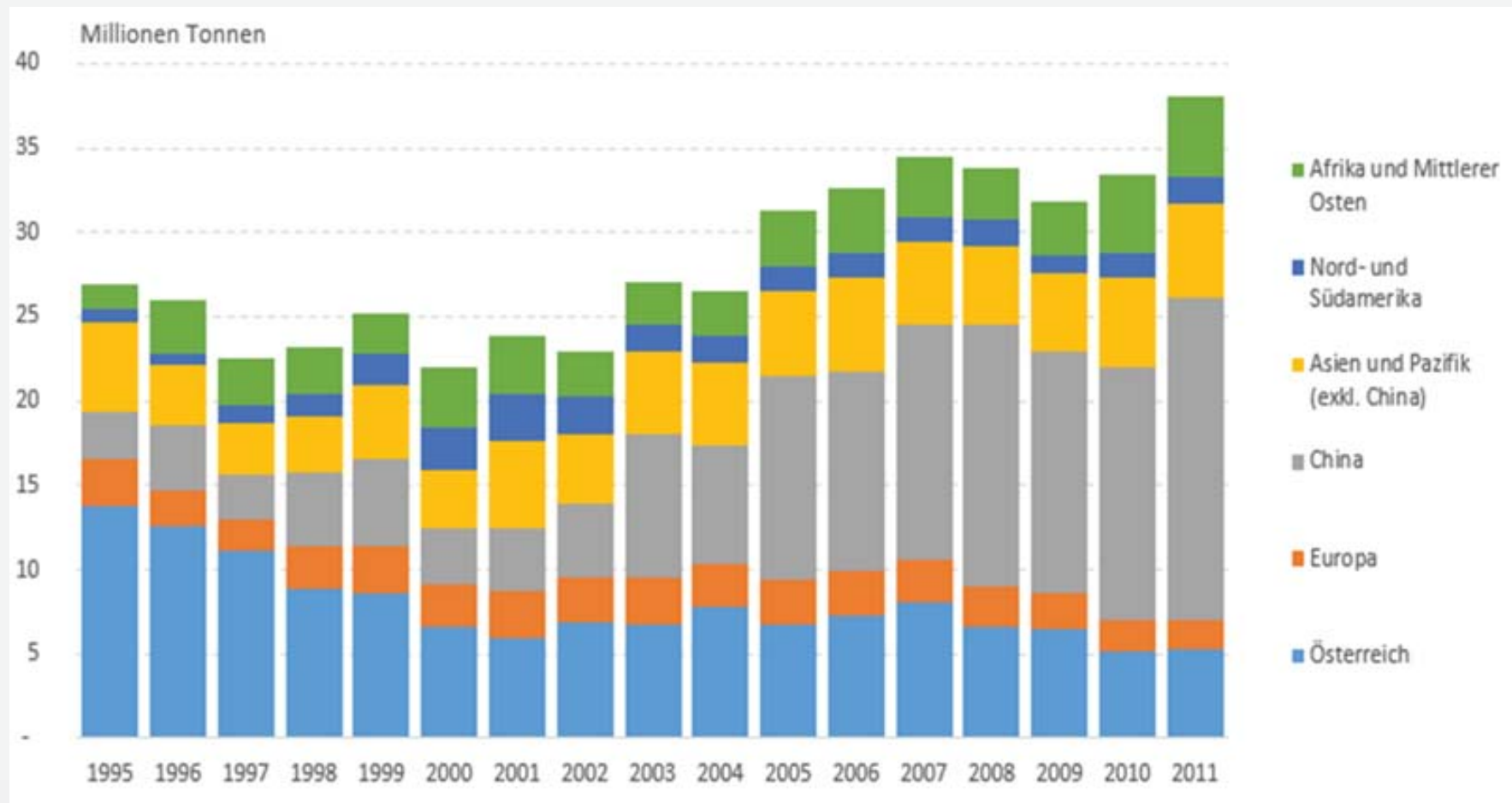
RESOURCES – ENVIRONMENT - SECURITY

CHALLENGES & OPPORTUNITIES

Global dimension: Material footprint of public consumption 1995-2011

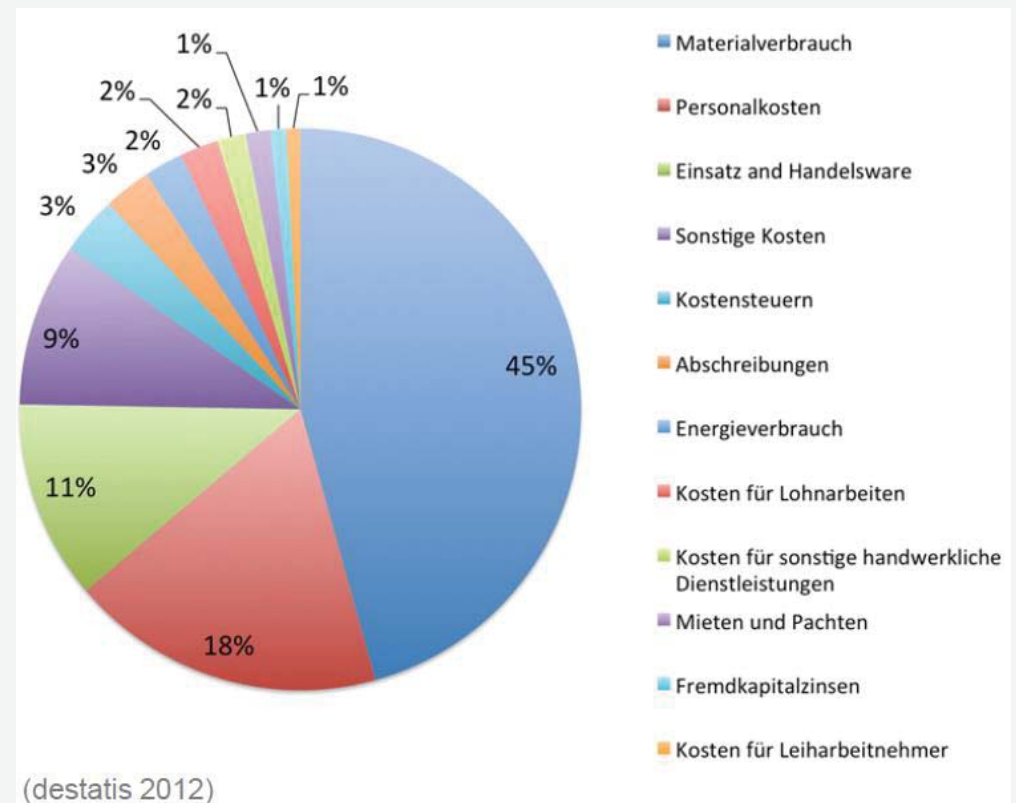**by countries of origin of the raw materials (in Austria)**

CHALLENGES & OPPORTUNITIES

Production of material goods in Austria:

- **Material cost:** >40%
- **Enterprises:** 63,000
- **Employees:** approx. 1 million
- **Turnover:** approx. 260 billion €/year

Challenge for companies:

➤ Finding cost-efficient **optimisation strategies** to enhance material productivity

Legend:
- Materialverbrauch
- Personalkosten
- Einsatz and Handelsware
- Sonstige Kosten
- Kostensteuern
- Abschreibungen
- Energieverbrauch
- Kosten für Lohnarbeiten
- Kosten für sonstige handwerkliche Dienstleistungen
- Mieten und Pachten
- Fremdkapitalzinsen
- Kosten für Leiharbeitnehmer

(destatis 2012)

RESET2020
RESOURCES.EFFICIENCY.TECHNOLOGIES

Stands for:

- **implementation** of EU - national policies & programs, such as Circular Economy Package, Green Action Plan for SMEs, 7th Environmental Action Plan, Resource Efficiency Action Plan (REAP)

- **promotion** of resource efficiency, technology & circular economy

- **environmental protection and efficient use of resources**, optimization of material resources, product design, cascade systems, reuse etc.

- strong **position of Austria** with regard to efficiency, digitalisation, technologies & services, production & consumption

- ensuring **living and business areas** that are fit for the future

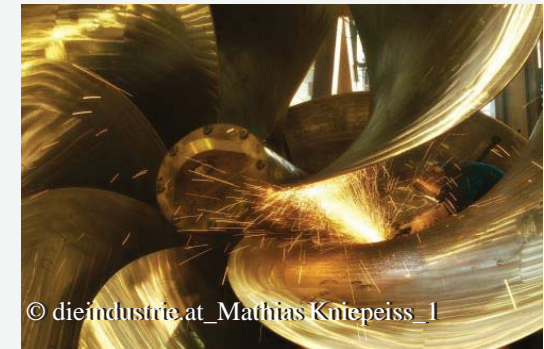- **impetus** to communication, networking & cooperation

RESET2020 – FIELDS OF ACTIVITIES

- Sustainable consumption

- Innovative environmental technologies

- Sustainable management of raw materials

- Renewable resources

- Sustainable production

- Sustainable public procurement

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RESOURCE EFFICIENCY:
HOW TO USE POTENTIALS IN COMPANIES?

- **Why resource efficiency?**
  - Strategy to reduce production costs, gain cost advantages & competitive benefits, develop new markets & export opportunities
  - Innovation driver > innovation dynamics
  - Creation / Safeguarding of jobs
  - Contribution to environmental protection & efficient use of resources

- **Which levers?**
  - Management: Business Strategy / Controlling
  - Design of products & services: Sustainable, circular
  - Substitution: Renewable resources / new materials
  - Cascade systems / Supply Chain
  - Innovative technologies & services / business models / Digitalization
  - Circular economy cooperation: Regional <> Global

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ADVISORY PROGRAM FOR RESOURCE-EFFICIENT PRODUCTION

- **Development of material efficiency module**
  - Analysis of potential, quick check, intensive counselling

- **Establishment of consultant pools & quality assurance**
  - Development of consultant pools, further training, e-learning

- **Financial advice for the implementation**
  - Funding opportunities, check of private funding concepts

- **Extension of alternative business models**
  - Chemical leasing, contracting models for raw materials

- **Networking, information & communication**

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REGIONALPROGRAMME
FÖRDERUNGEN FÜR UMWELT- UND ENERGIEBERATUNGEN

RESOURCE EFFICIENCY IN MUNICIPALITIES:
HOW WILL WE LIVE & WORK IN THE FUTURE?

RESET
2020
Aktivitäten

- **Why resource efficiency?**
  - Diversity of tasks
  - Cost pressure, tight budgets
  - Inefficient resource use
  - ➢ Shift of resources policy towards a circular economy
  - ➢ Use of local resources!

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- **Pilot project: Resource-efficient municipality**
  - Awareness raising
  - Catalogue of measures for efficient use of resources
  - Online self-check - resource efficiency potentials
  - Information & consulting tools
  - Learning from another

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Österreichischer
Gemeindebund

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Austria

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THANK YOU FOR YOUR ATTENTION!

More information:

RESET 2020

https://www.bmlfuw.gv.at/umwelt/nachhaltigkeit/ressourceneffizienz.html

RESET 2020 *Aktivitäten*

https://www.bmlfuw.gv.at/umwelt/nachhaltigkeit/ressourceneffizienz/ressourcen_aktivitaeten.html

**Data and trends
In Austria**

https://www.bmlfuw.gv.at/umwelt/nachhaltigkeit/ressourceneffizienz/ressourcennutzung_daten_trends.html