7 KEY ELEMENTS OF A CIRCULAR ECONOMY

- **Prioritise** regenerative resources
- **Design** for the future
- **Preserve** & extend what's already made
- **Rethink** the business model
- **Incorporate** digital technology
- **Use** waste as a resource
- **Collaborate** to create joint value
COMPLETING THE PICTURE: TACKLING THE OVERLOOKED EMISSIONS

55% ENERGY
45% PRODUCTS

EXAMPLES COVERED IN PAPER
(food, steel, cement, plastic, and aluminium)

45% CIRCULAR ECONOMY
55% EMERGING TECH, CARBON CAPTURE STORAGE, AND DIET SHIFT

55% CURRENT EMISSIONS

ZERO EMISSIONS

FIGURE 1: 45% OF GLOBAL GHG EMISSIONS CAN BE ATtributed TO THE PRODUCTION OF MATERIALS, PRODUCTS, AND FOOD, AS WELL AS THE MANAGEMENT OF LAND

Global GHG emissions
Billion tonnes of CO₂e per year, 2010

Energy for buildings
Energy for transportation
Energy systems
AFOLU (Agriculture, Forestry, and Other Land Use)
Industry (material production)

0.4 Other (non-energy)

Note: ‘Industry’ and ‘AFOLU’ include their own energy-related emissions but not indirect emissions from electricity and heat production.

JOB CREATION POTENTIAL FOR PROCESSING 10,000 tonnes of used goods

1 job
INCINERATION

6 jobs
LANDFILL

36 jobs
RECYCLING

296 jobs
REUSE
Circular economy can by 2030, only in the EU, generate €1,8 trillion in annual net economic benefits, compared to today (McKinsey, 2015)
ZÁLOHUJME?
CIRCULAR TEXTILES
Vojtěch Vosecký
Circular Economy // Innovation // Sustainability
vojtech.vosecky@gmail.com
+420 739 656 416
www.linkedin.com/in/vojtechvosecky/
DISCUSSION

- What is your own experience with circular economy? Do you think it can really make a difference, or is it just another buzzword?

- What is needed to have a circular world? Who is accountable?