



COMPRAVERDE
BUYGREEN



Città metropolitana
di Roma Capitale



Circular Procurement
Joan Prummel | Mervyn Jones

GPP Academy

Seminari e approfondimenti
a cura del Gruppo di Lavoro acquisti verdi



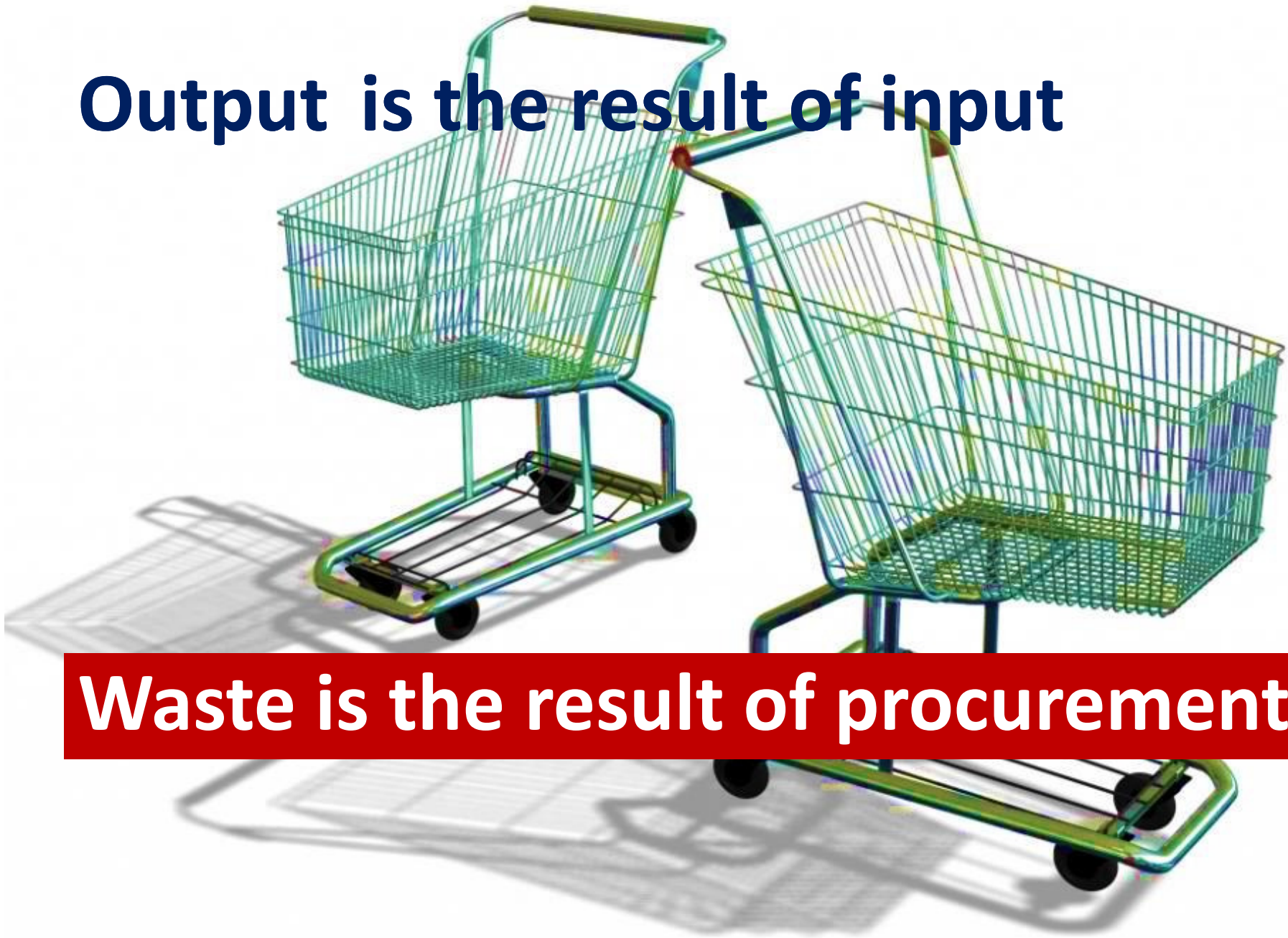
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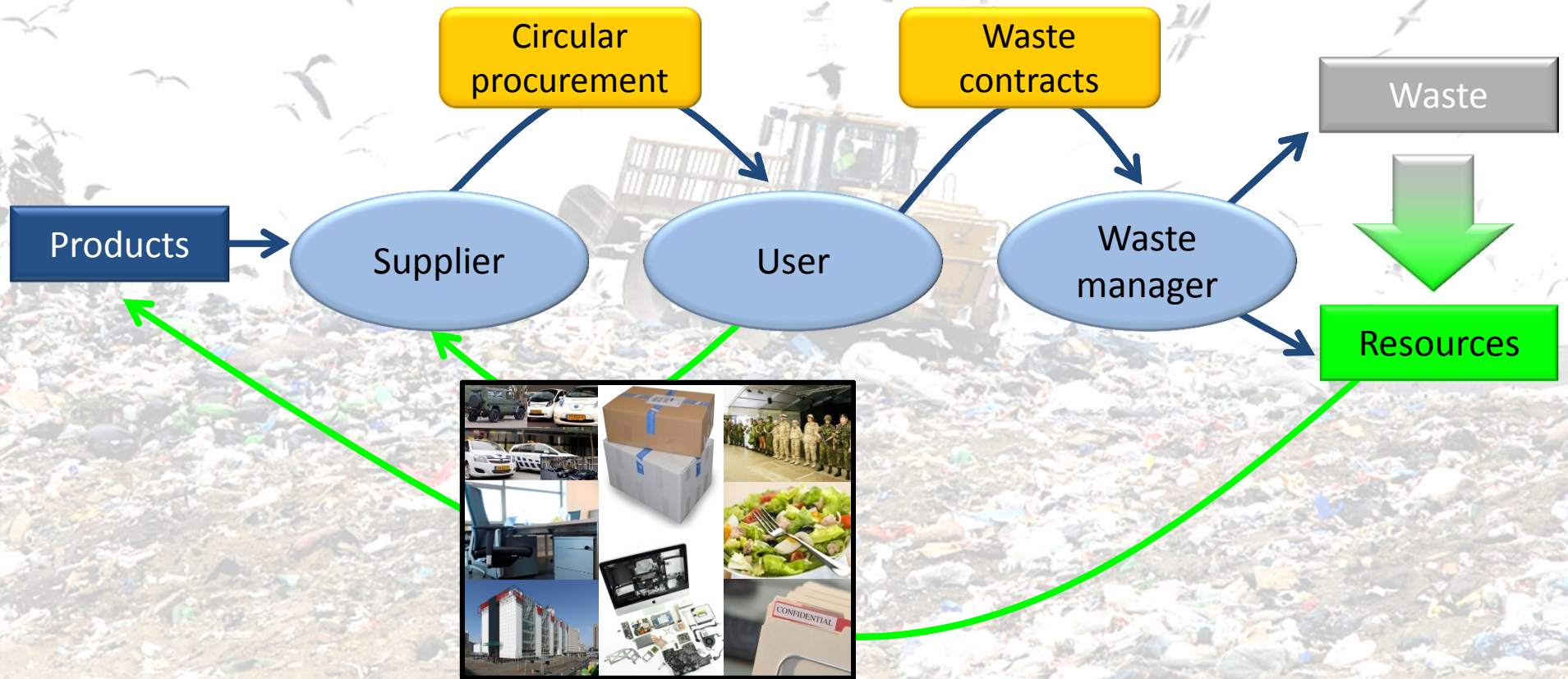
Roma – EUR – Salone delle Fontane
13 – 14 ottobre 2016



Output is the result of input

Waste is the result of procurement







Agenda

Why - Circular Economy

How - Circular procurement

What - Practice what you preach

What's next...

Agenda

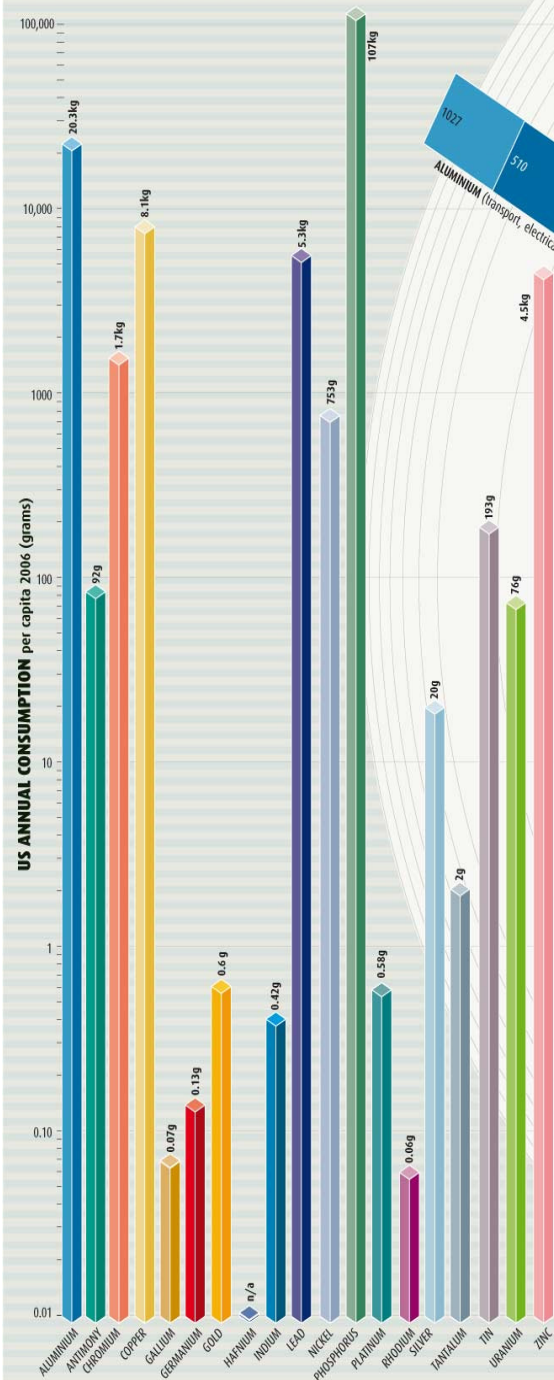
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HOW LONG WILL IT LAST?

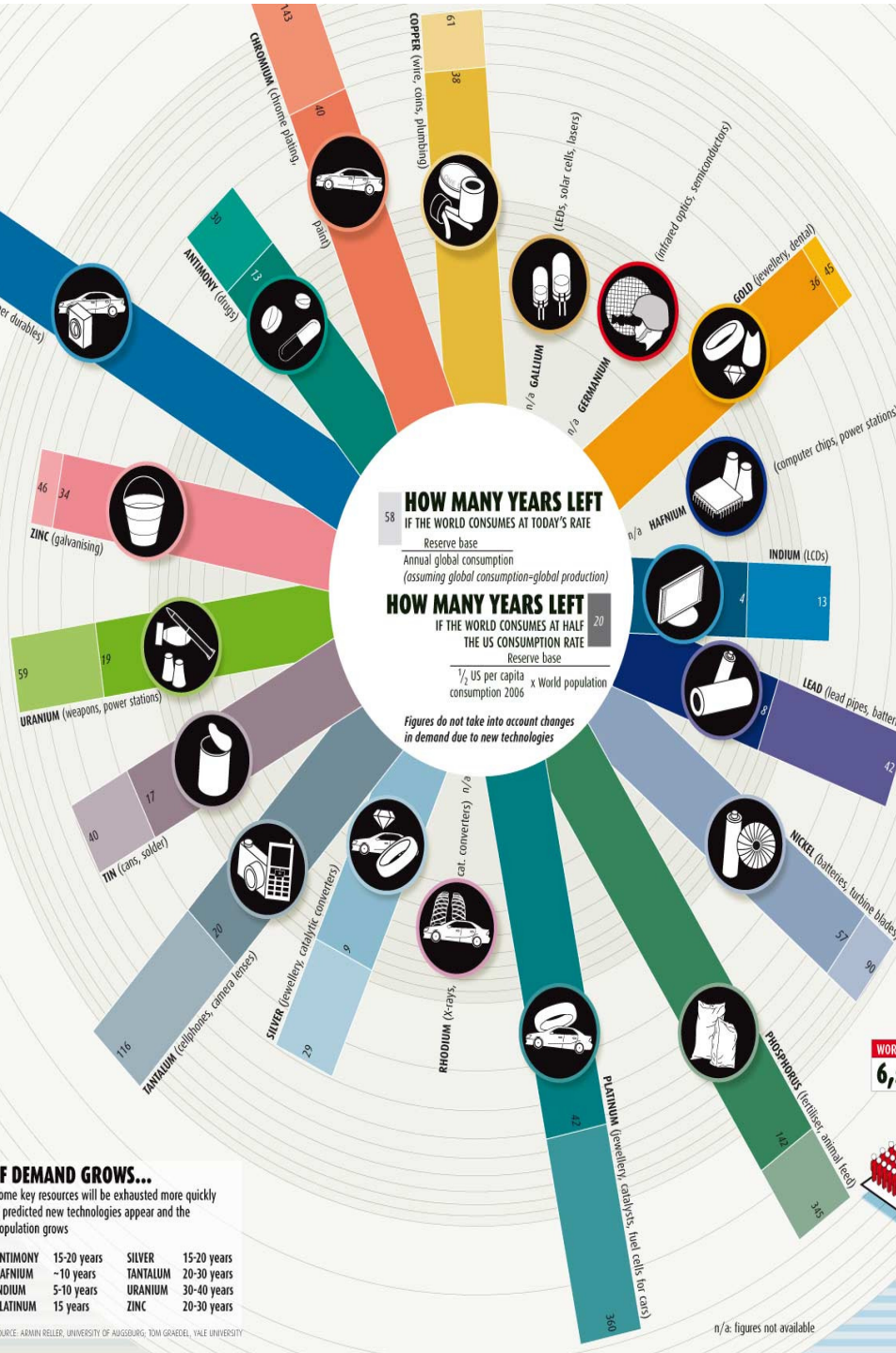


IF DEMAND GROWS...

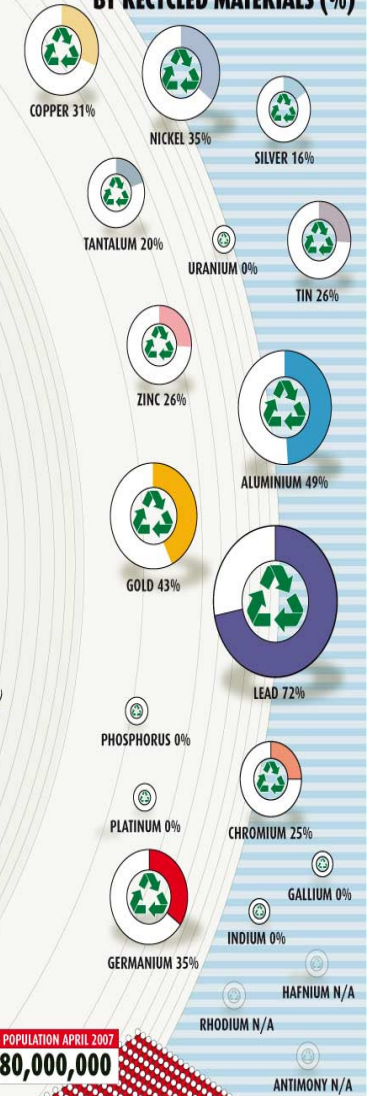
Some key resources will be exhausted more quickly if predicted new technologies appear and the population grows

ANTIMONY	15-20 years	SILVER	15-20 years
HAFNIUM	~10 years	TANTALUM	20-30 years
INDIUM	5-10 years	URANIUM	30-40 years
PLATINUM	15 years	ZINC	20-30 years

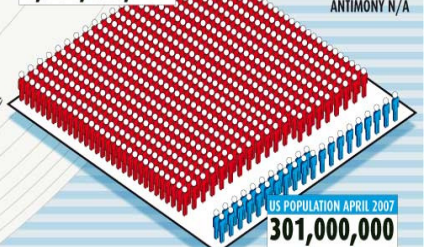
SOURCE: ARMIN RELLER, UNIVERSITY OF GOSLAR; TOM GRADEL, YALE UNIVERSITY



PROPORTION OF CONSUMPTION MET BY RECYCLED MATERIALS (%)

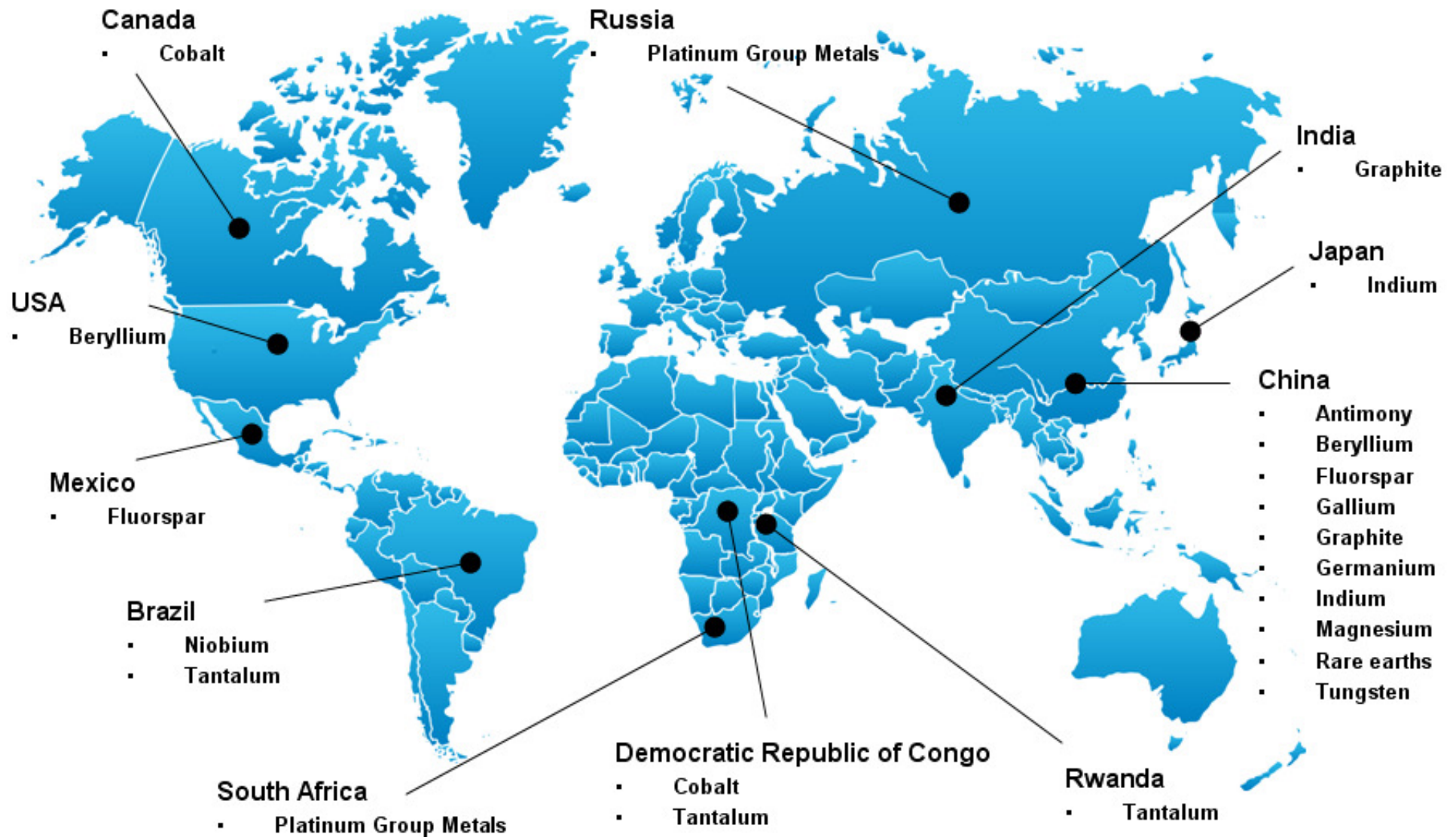


WORLD POPULATION APRIL 2007
6,580,000,000



n/a: figures not available

Production concentration of critical raw mineral materials



Benefits of a circular EU economy

European Union
€600 billion

Finland

↑GDP 0.33-0.66%
15,000 jobs

Sweden

↑3% trade
balance
15,000 jobs

The Netherlands
€7,3 billion
54,000 jobs

Spain

↑GDP 0.33-0.66%
100,000 jobs

France

↑GDP 0.33-0.66%
100,000 jobs

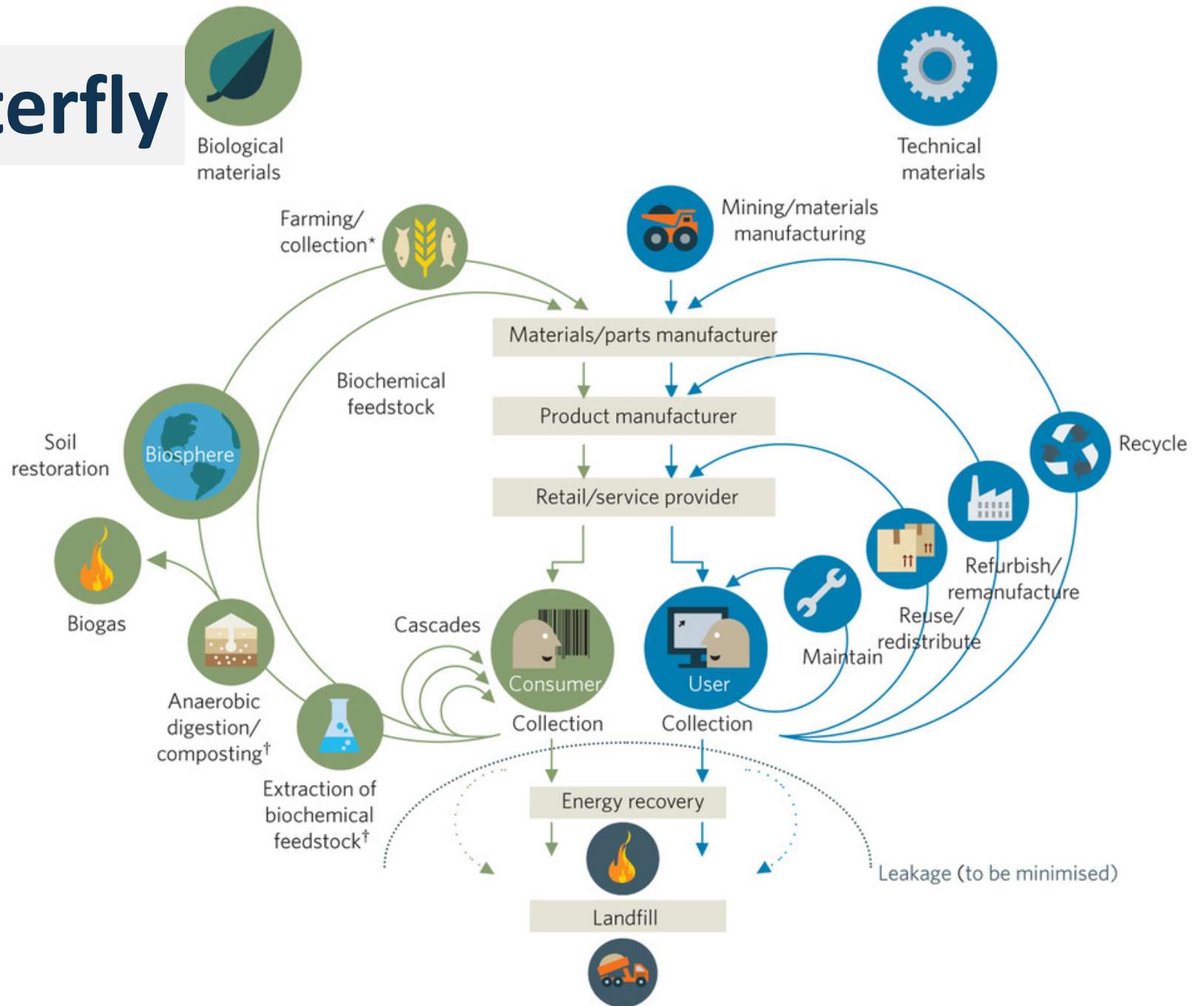
United Kingdom
~€30 billion
↑200,000 jobs

Denmark

↑GDP 0.8–1.4%
7,000-13,000 jobs

Sources: EU, Ellen McArthur Foundation, Club of Rome, TNO, WRAP

Butterfly



Opportunities

TNO-report (*TNO 2013 R10864*)

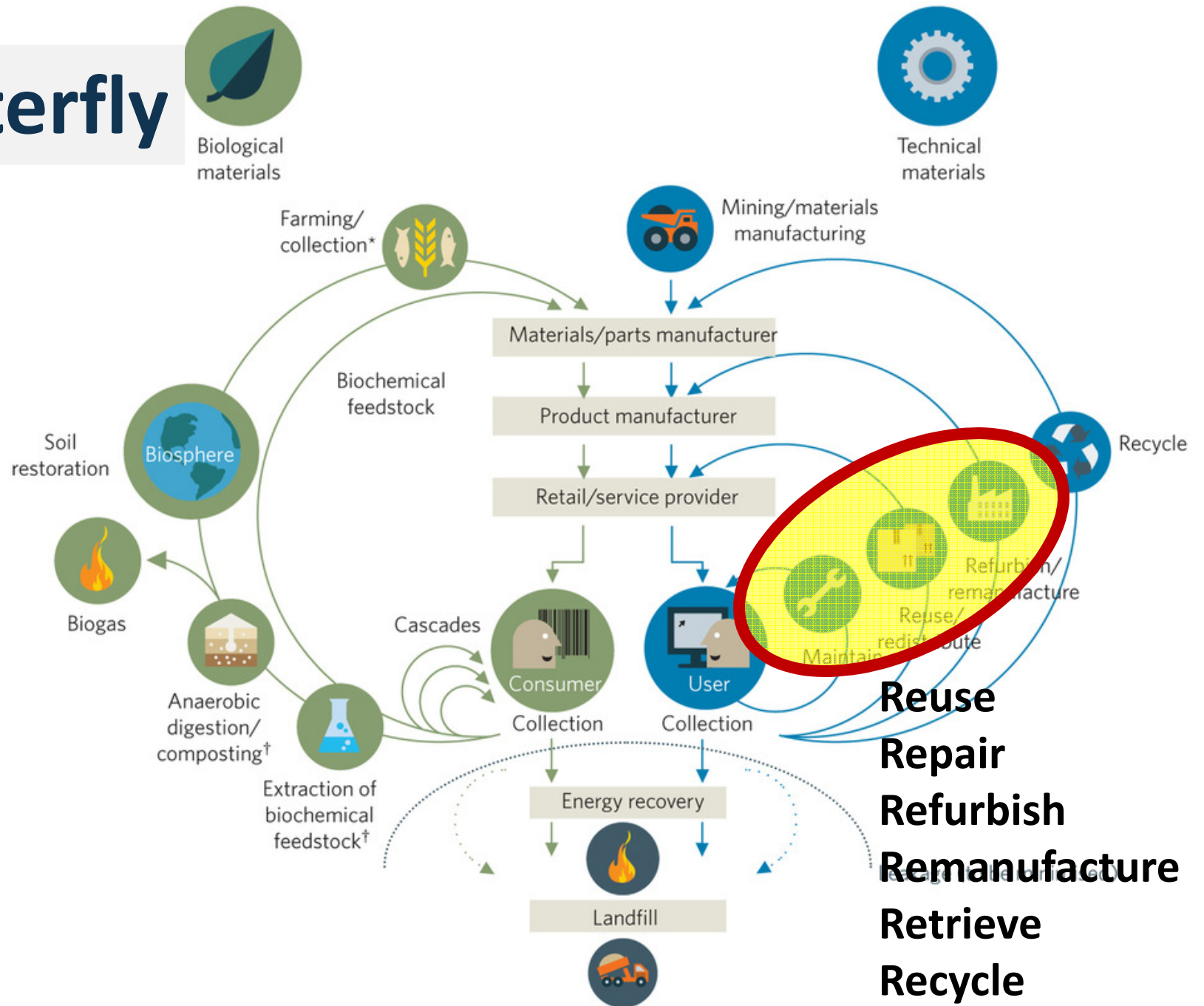
'Chances for the circular economy in
The Netherlands'

No hard science!

€ 7.500.000.000 per year

54.000 jobs

Butterfly



Ambition

"The Dutch national government does not produce any waste anymore. Chain agreements are made in all the purchasing categories regarding reuse and recycle. If possible this agreements lead to financial profit for the government. Waste no longer costs money, but useful materials are a source of income."



The background of the slide is a photograph of a large landfill. In the foreground, there is a vast expanse of discarded plastic and other debris. In the middle ground, a yellow piece of heavy machinery, possibly a bulldozer or a compactor, is visible amidst the trash. The sky is filled with numerous birds, likely seagulls, flying in various directions. Overlaid on this image is a large green spiral graphic that starts from the center and expands outwards, framing the text.

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Circular procurement

A product is not circular
Stimulate circular propositions from the market by
our demand
until you make it circular
▪ Arrange control on reuse after our usage
Thomas Rau, architect

Circular procurement

- **Performance based and functional**
- **Three main procurement models:**
 - **product service systems**
 - **buy-sell back**
 - **buy-resell**



IMSA (2015)

19 business
models...

Benefits of circular procurement

- Closing material loops
- Less waste (sustainable and cheaper)
- Cost savings in procurement
- Stimulate (circular) economic activity
- Benefits on other ambitions
- Lead by example / credibility



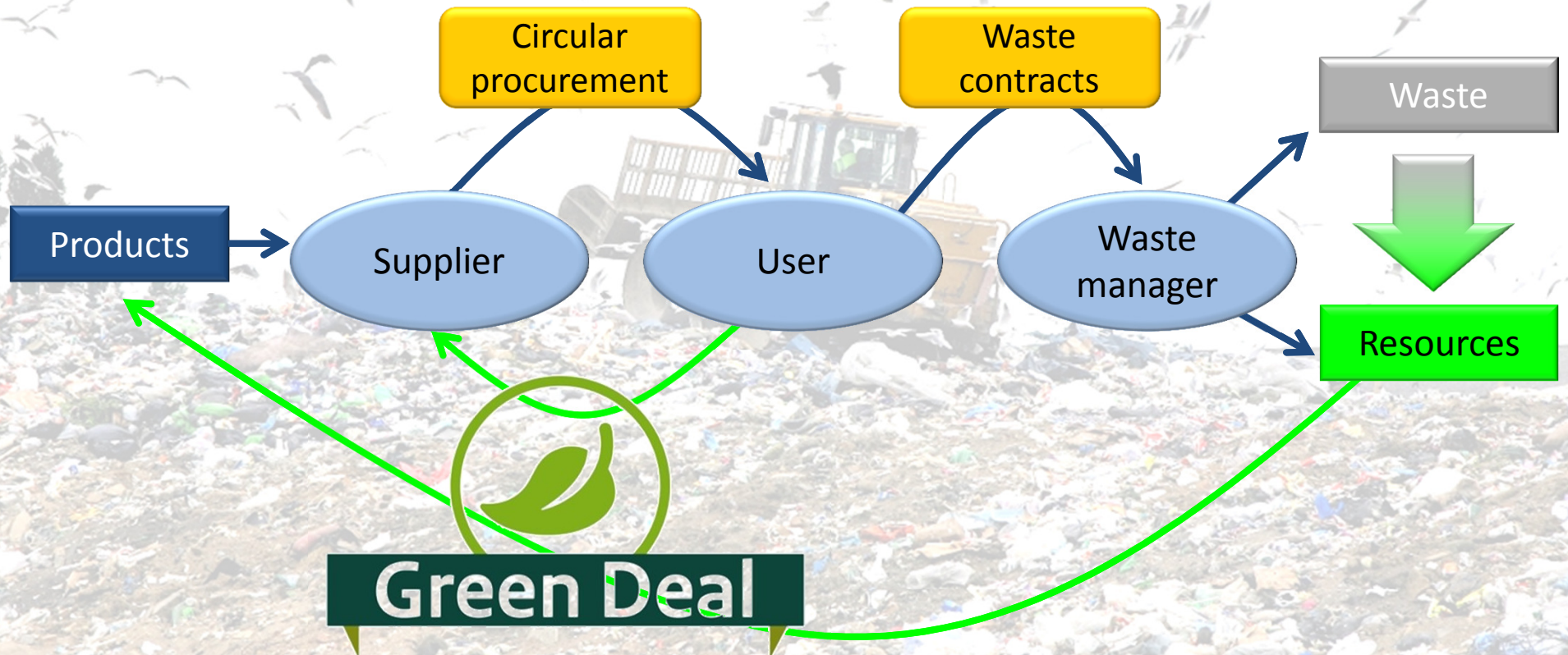
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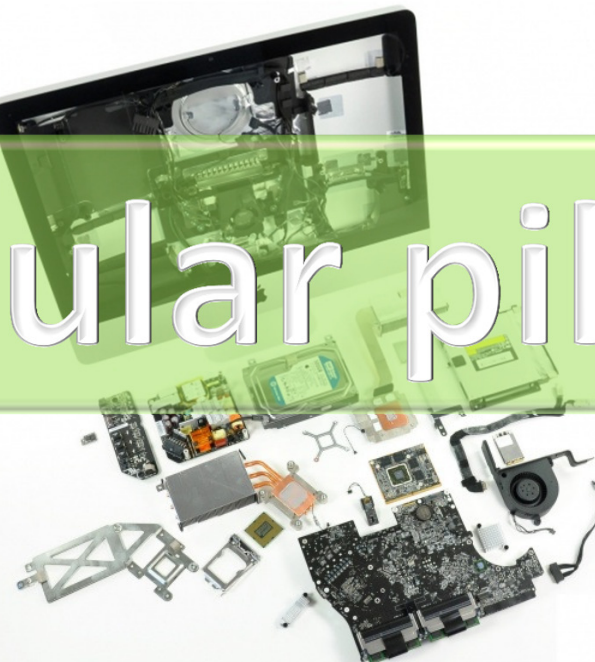


Circular Procurement





Circular pilots



A group of soldiers in various military uniforms are standing in a line on a stage. The uniforms range from traditional green camouflage to desert camouflage and even a white protective suit. The soldiers are holding rifles and are positioned under stage lights. A green banner with white text is overlaid on the image.

Company clothing

A modern office workspace featuring a wooden desk, a blue ergonomic chair, and a grey storage unit. A laptop is open on the desk, and a window is visible in the background. A green banner with the word "Furniture" is overlaid on the image.

Furniture



CONFIDENTIAL

Paper

The background of the slide is a photograph of a large landfill filled with various types of waste, including plastic, paper, and other debris. Numerous birds are seen flying in the sky above the waste. Overlaid on this image is a green spiral graphic that starts from the top left and winds its way towards the bottom right, framing the text elements.

Agenda

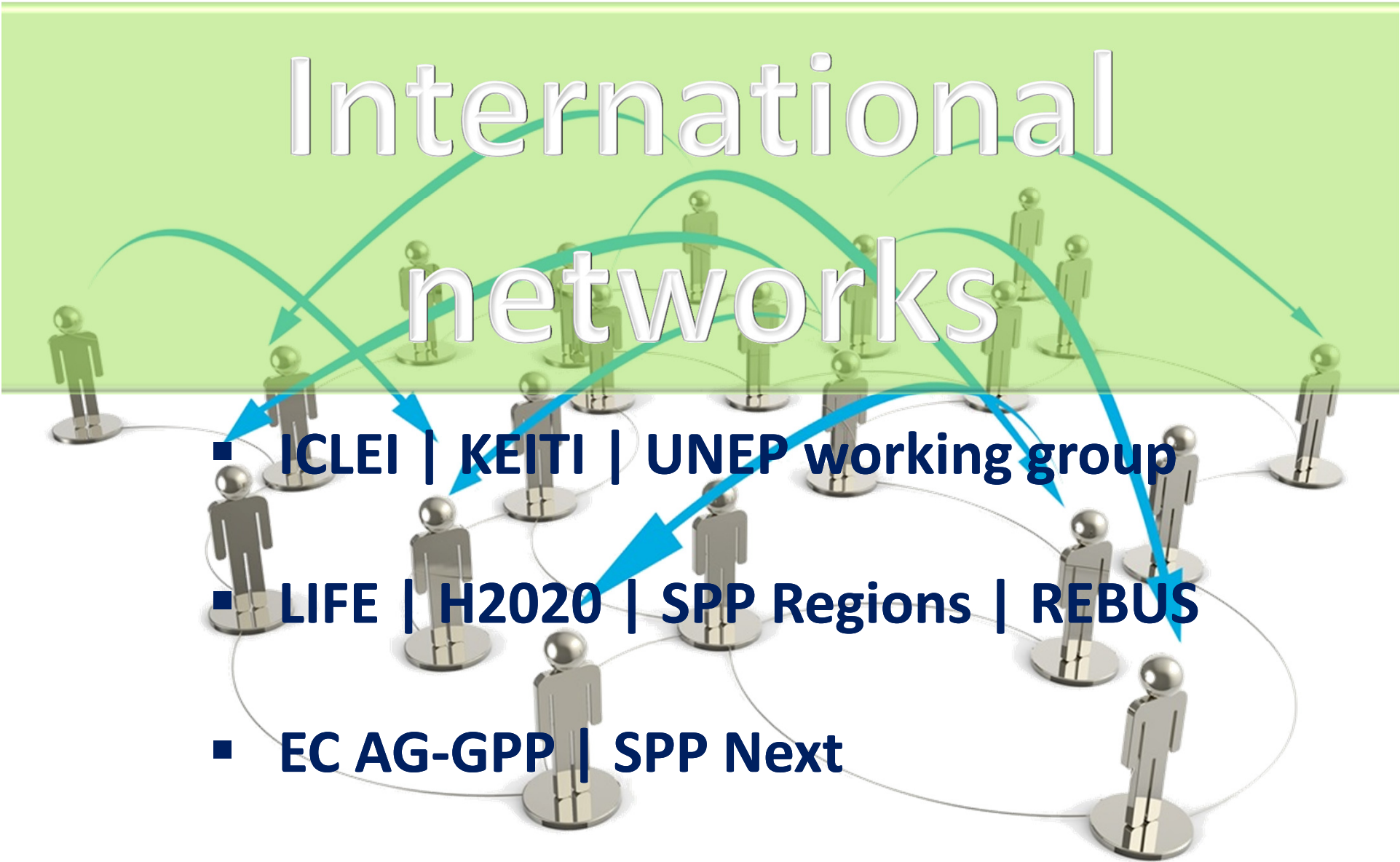
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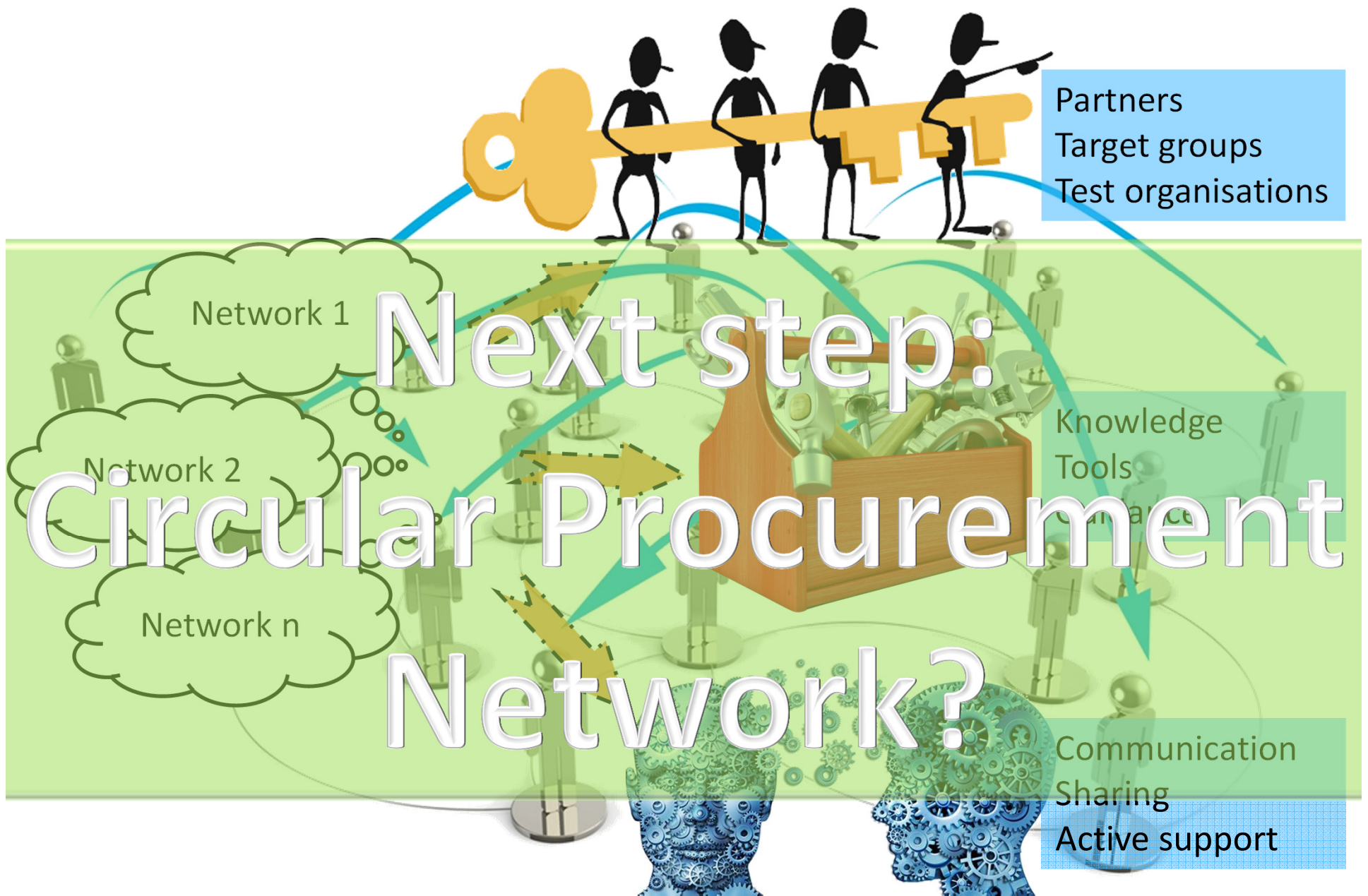
International networks



- ICLEI | KEITI | UNEP working group
- LIFE | H2020 | SPP Regions | REBUS
- EC AG-GPP | SPP Next
- Own informal networks

Dissemination = Networking







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Rijkswaterstaat
Ministry of Infrastructure and the
Environment





*You don't have to see the whole staircase,
just take the first step.*

Martin Luther King



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GPP Academy



Segreteria tecnica

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Gruppo di Lavoro Acquisti Verdi

Questions and discussion



Ente capofila



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