

CIRCULAR ECONOMY: RESOURCES AND OPPORTUNITIES



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RESOURCES AND OPPORTUNITIES



THE SCOPE



- ISWA presence OECD
- ISWA presence no OECD

THE TASK FORCE ON RESOURCE MANAGEMENT



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CIRCULAR
ECONOMY:
**TRENDS
AND
EMERGING
IDEAS**

1

ISWA

CIRCULAR
ECONOMY:
**CYCLES,
LOOPS AND
CASCADES**

2

ISWA

CIRCULAR
ECONOMY:
**CLOSING
THE
LOOPS**

3

ISWA

CIRCULAR
ECONOMY:
**CARBON,
NUTRIENTS
AND SOIL**

4

CIRCULAR
ECONOMY:
**ENERGY
AND
FUELS**

5

ISWA

CIRCULAR
ECONOMY:
**RESOURCES AND
OPPORTUNITIES**

6

ISWA



CIRCULAR
ECONOMY:
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CIRCULAR
ECONOMY:
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CIRCULAR
ECONOMY:
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CIRCULAR
ECONOMY:

CARBON, NUTRIENTS AND SOIL

4

CIRCULAR
ECONOMY:
**ENERGY
AND
FUELS**

5

**CIRCULAR
ECONOMY:
RESOURCES AND
OPPORTUNITIES**

FROM LINEAR TO CIRCULAR

Linear Economy



EXTRACT / PROCESS

MANUFACTURE

SELL

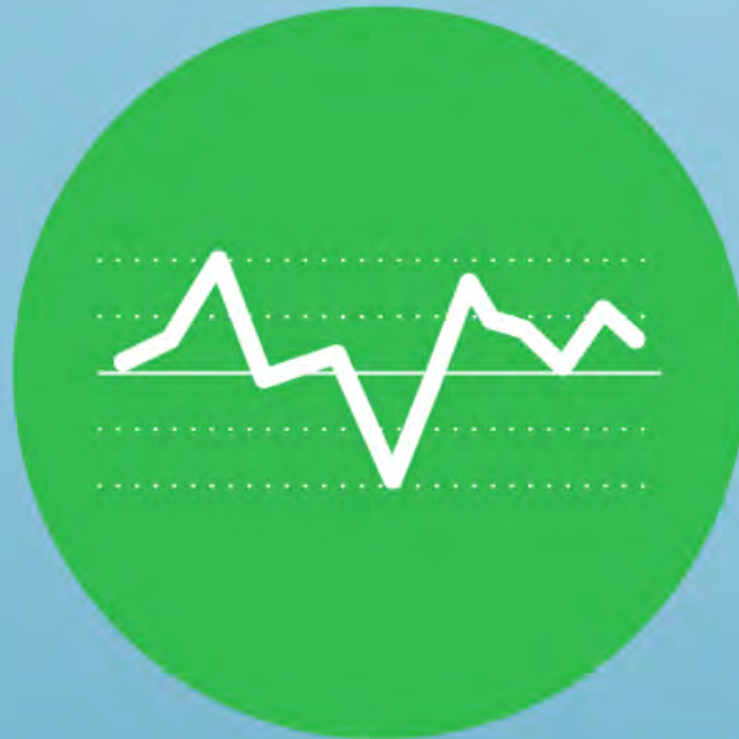
BUY / OWN / USE

DISPOSE

WASTED RESOURCE

DRIVERS

Commodity prices and raw materials supply



DRIVERS

Environmental legislation



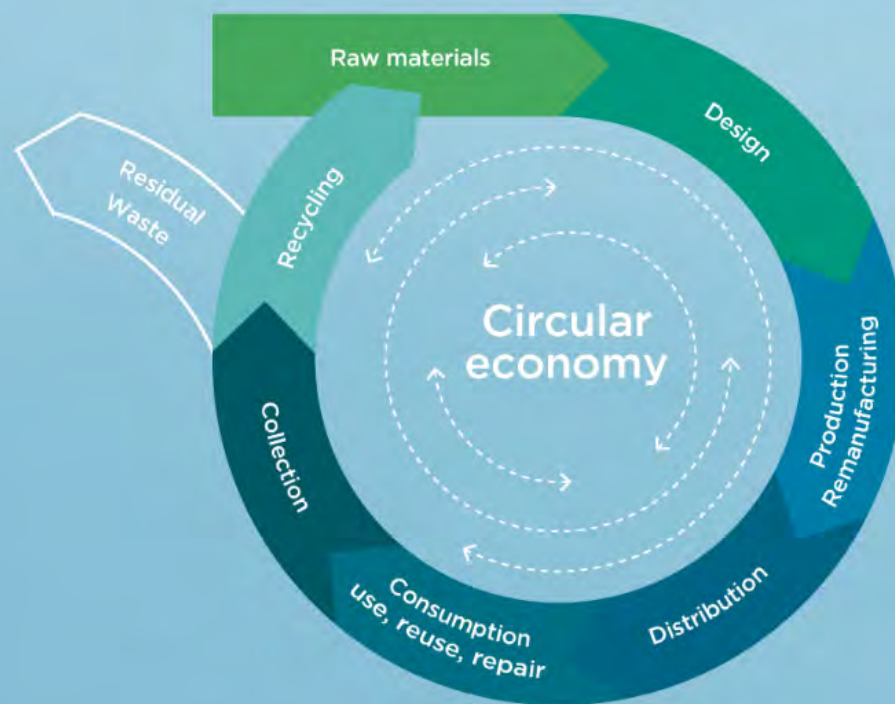
DRIVERS

Green taxation



FROM LINEAR TO CIRCULAR

Model of European Resource Efficient Economy



Source EU – Towards a circular economy: A zero waste programme for Europe, Brussels 2.7.2014 COM (2014) 398 Final.

THE CONTRIBUTION OF THE WASTE MANAGEMENT SECTOR

Providing secondary raw materials for production



THE CONTRIBUTION OF THE WASTE MANAGEMENT SECTOR

Carbon matter and nutrients for fertilizer and soil improvement



THE CONTRIBUTION OF THE WASTE MANAGEMENT SECTOR

Producing energy for electricity, heating and transportation



THE CONTRIBUTION OF THE WASTE MANAGEMENT SECTOR

*And thereby reducing the environmental impacts and greenhouse
gas emissions*



CHALLENGES TO CLOSING THE LOOP



CASCADING



BUT IT'S NOT ENOUGH



WASTE PREVENTION ON TOP



opp  rtunity

BUT WE CANNOT MAKE IT ALONE



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