



Ministry of Infrastructure and the
Environment

CE in EU and NL

Circular economy is more than
recycling

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April 25, 2016



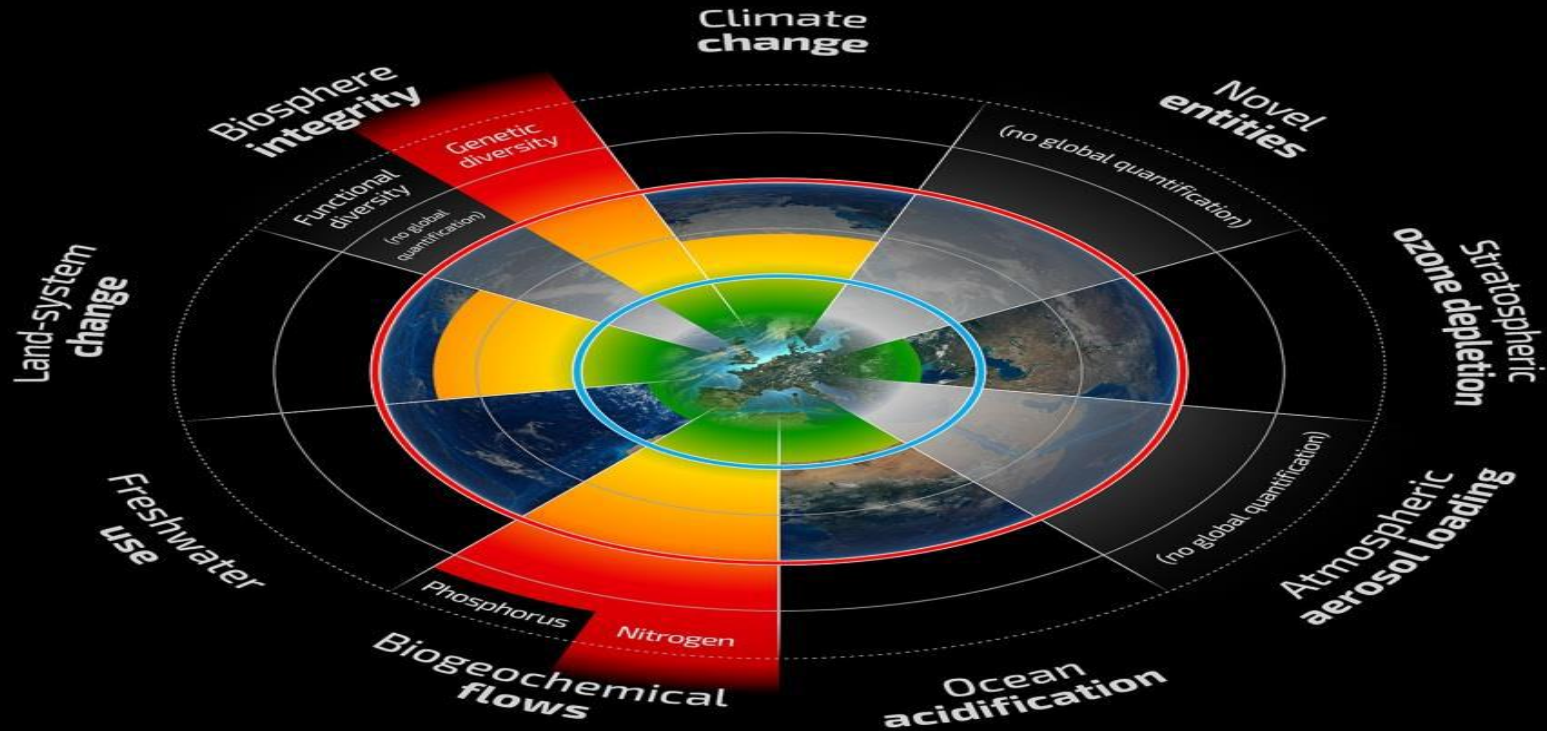
Netherlands and transition to a circular economy

- Why CE
- NL policy:
 - from waste to resource
 - Netherlands as a circular hotspot
 - Broad program on CE
- NL and EU action plan
- Questions on the transition to a CE



Planetary Boundaries

A safe operating space for humanity

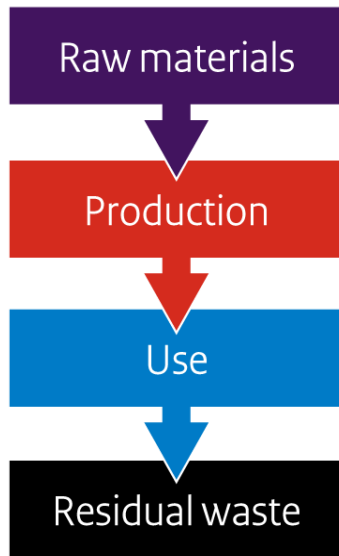


- Red: Beyond zone of uncertainty (high risk)
- Orange: In zone of uncertainty (increasing risk)
- Green: Below boundary (safe)
- Grey: Boundary not yet quantified

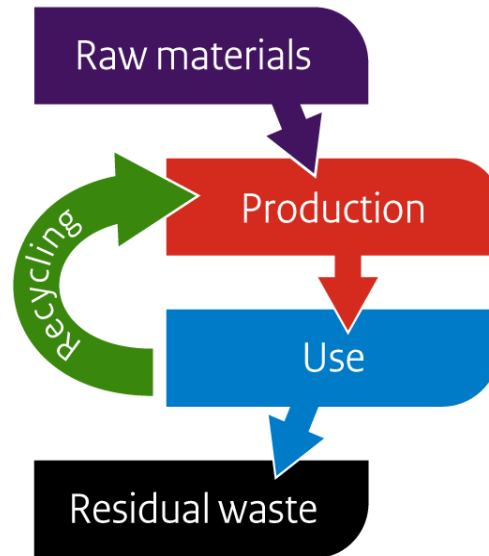
Sources: Steffen et al. Planetary Boundaries: Guiding human development on a changing planet. *Science*, 16 January 2015.
Design: Globalia



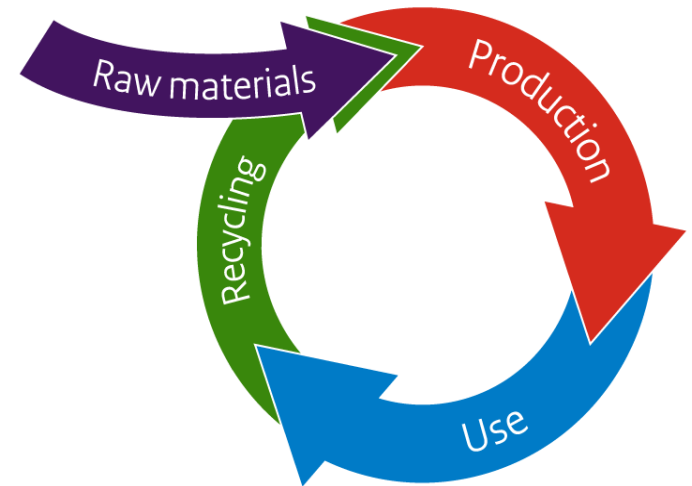
Linear economy

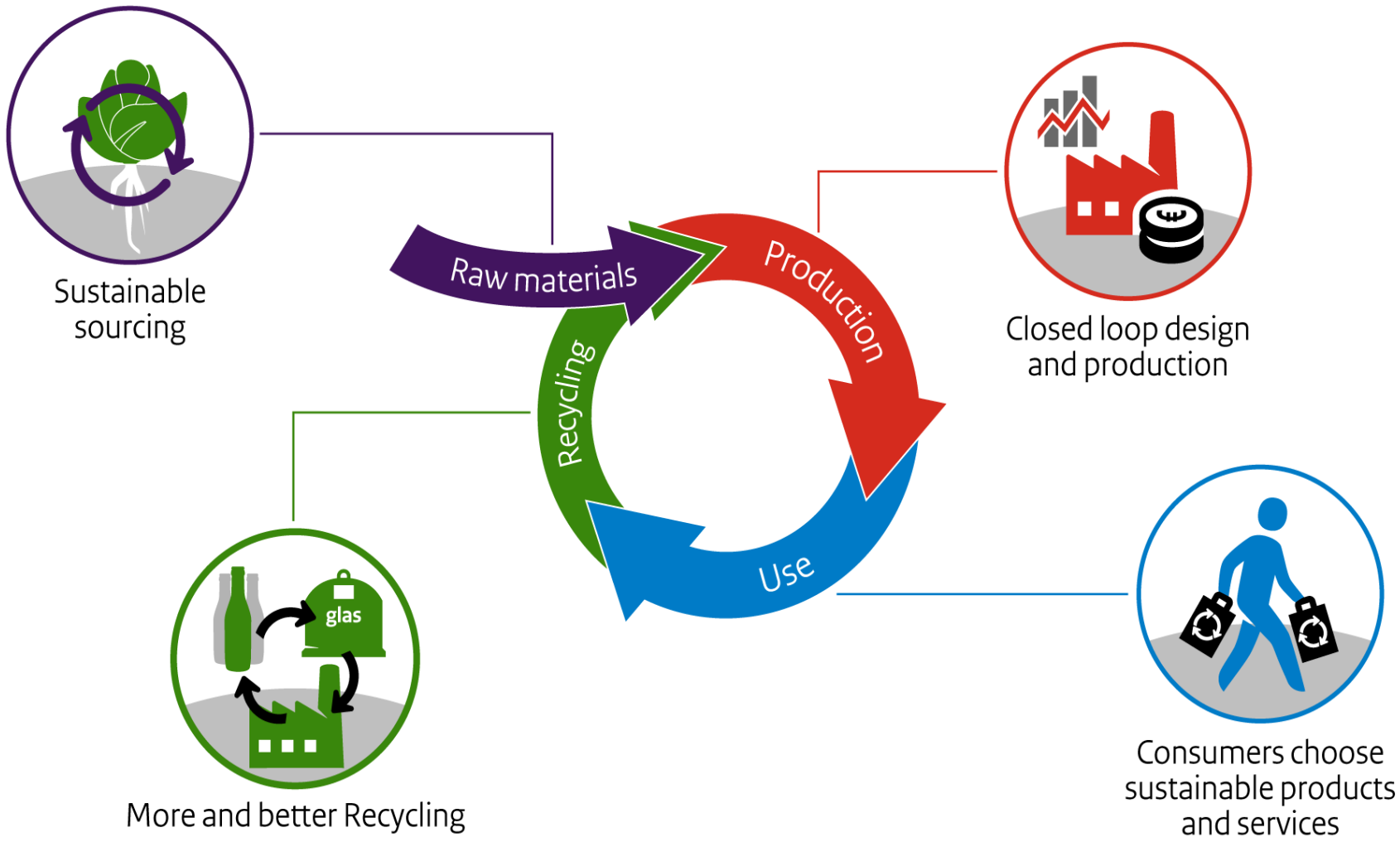


Economy with recycling



Circular economy







CE program NL government broad

- Interventions:
 - stimulating regulations
 - financing and smart market incentives
 - knowledge and innovation
 - circular behavior
 - strengthen present policies
 - international aid and trade
- Sectors
 - plastics
 - construction
 - electronics and metals
 - household waste
 - agriculture, food, biomass
 - biochemicals, CO₂ chemistry



NL presidency and EU Action plan on Circular Economy

- Happy with the proposals in the action plan
- Get an agreement on council conclusions in the environmental council in June
- Draft conclusions aimed at:
 - Extension of product life
 - Make recycling more attractive
 - EU regulations more circular
 - Good governance of implementation



Uncertainties on policy for transition to a CE (1)

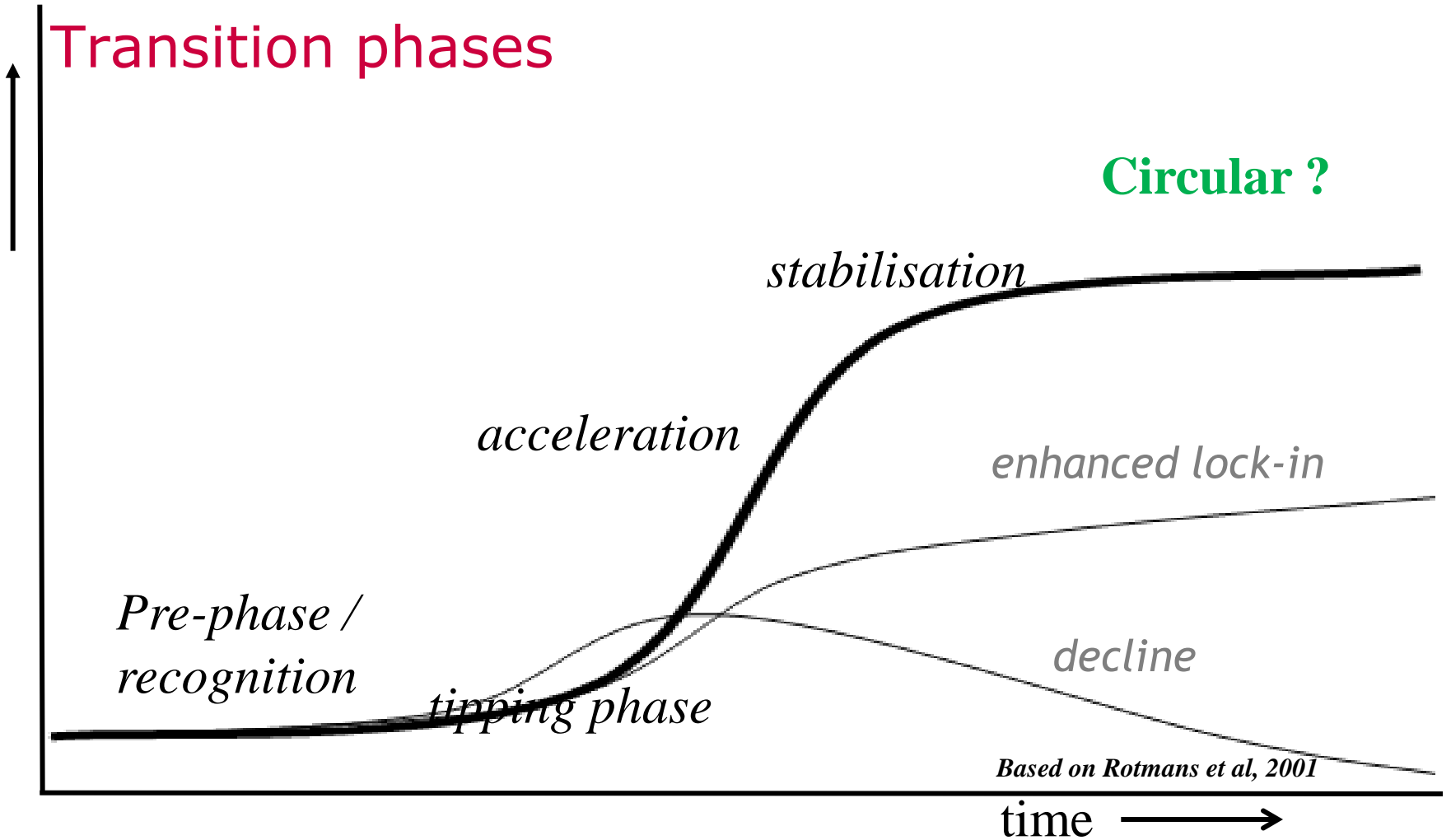
We know we have to make the transition, but how

- In what phase of transition are we in
- What kind of activities are related to the phases we are in
- Are all sectors in the same phase
- Which sectors first
- Is a sector approach or a value chain approach the right approach



Transition phases

Circular ?





Uncertainties 2

- At what scale which interventions are effective: local, regional, national, EU,
- Climate policy and CE policy, interrelated, how can we connect
- How to measure progress in CE: CO₂?
- Combine economical, environmental **and** social aspects



Thank You

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More info

- Policy on Circular economy: <https://www.government.nl/documents/parliamentary-documents/2014/01/28/implementation-of-the-waste-to-resource-programme> see program and elaboration
- progress report: <https://www.government.nl/documents/parliamentary-documents/2015/04/15/letter-to-parliament-on-progress-of-from-waste-to-resource-programme> , see letter to parliament and progress report
- background report on possibilities for a circular economy: https://www.dakofa.dk/fileadmin/user_upload/documents/Arrangementer/2014/140616_17/DAG1_1120_Ton_Bastein_REV.pdf
- materials in NL economy report:
- <https://www.fme.nl/sites/default/files/afbeeldingen/TNO%202015%20R11613%20Materials%20in%20the%20Dutch%20Economy.pdf> , also available in German, Francais
- Policy on biobased economy: www.biobasedeconomy.nl/beleid/beleid-bbe/
- Vision on Circular economy: see <http://www.netherlandscircularhotspot.nl/home.html>
- Programme on SME's, see www.circulairondernemen.nl (only in Dutch)