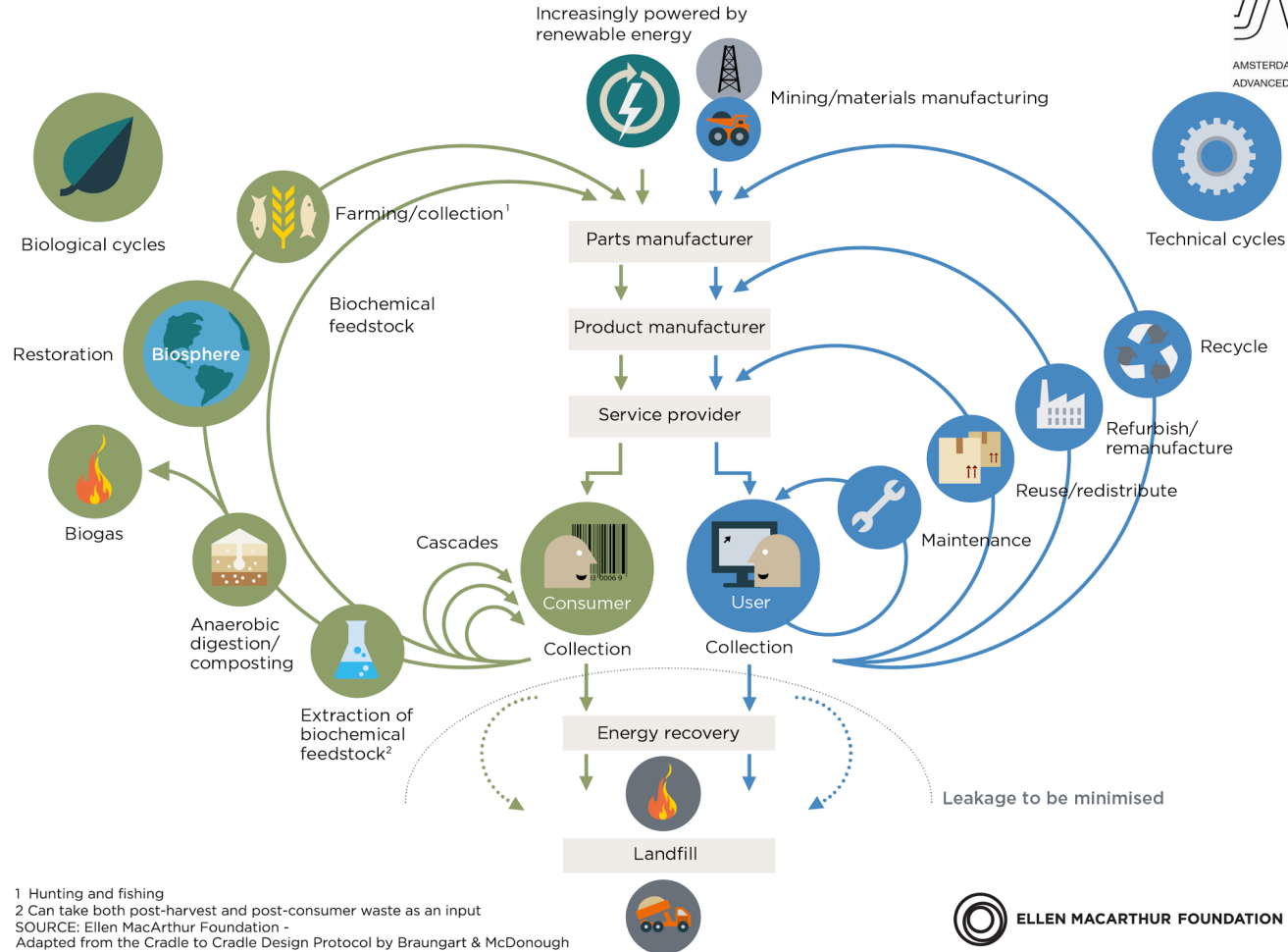


Naar circulaire gebiedsontwikkeling?

Prof.dr. Ellen van Bueren





¹ Hunting and fishing

² Can take both post-harvest and post-consumer waste as an input

SOURCE: Ellen MacArthur Foundation -

Adapted from the Cradle to Cradle Design Protocol by Braungart & McDonough

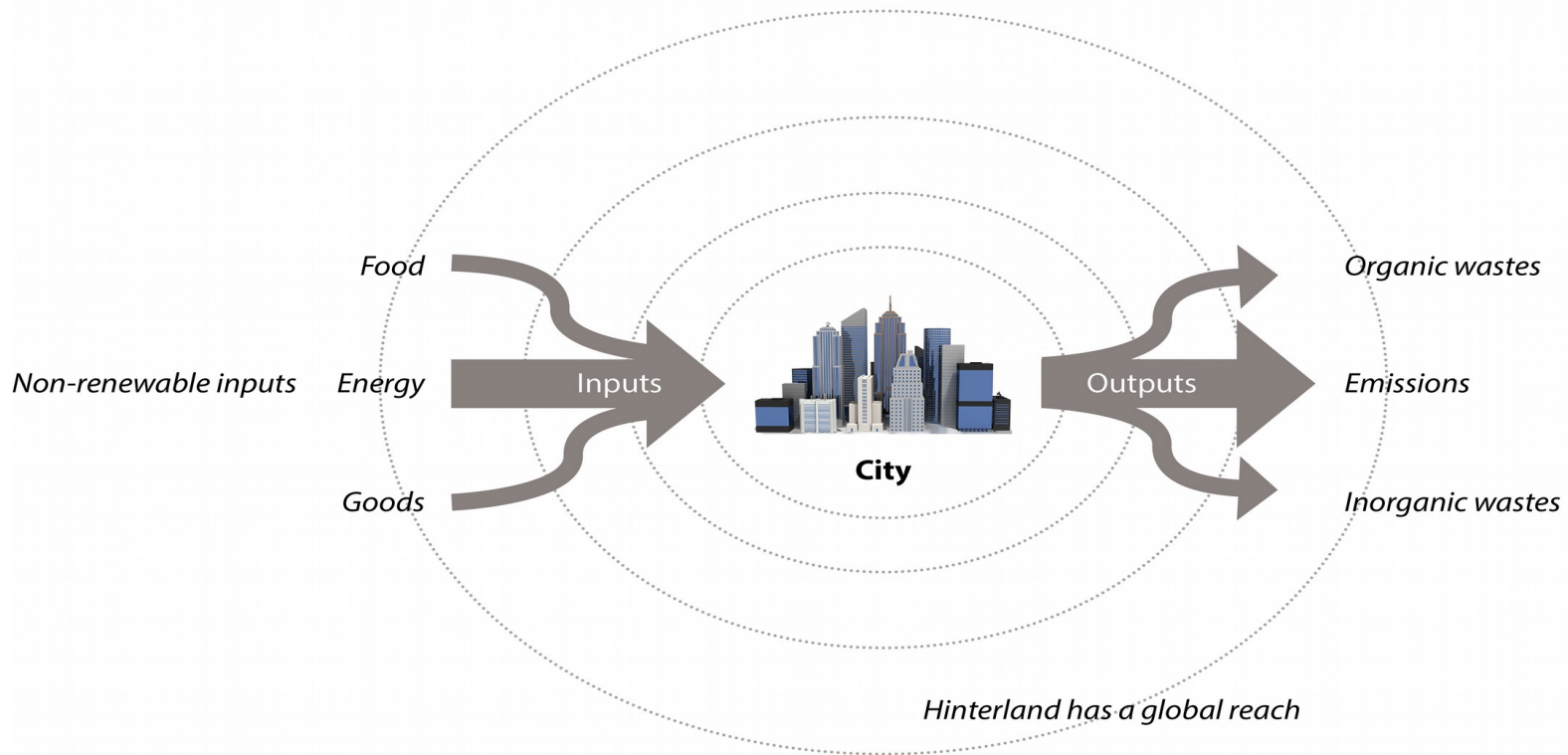
LINEAR ECONOMY



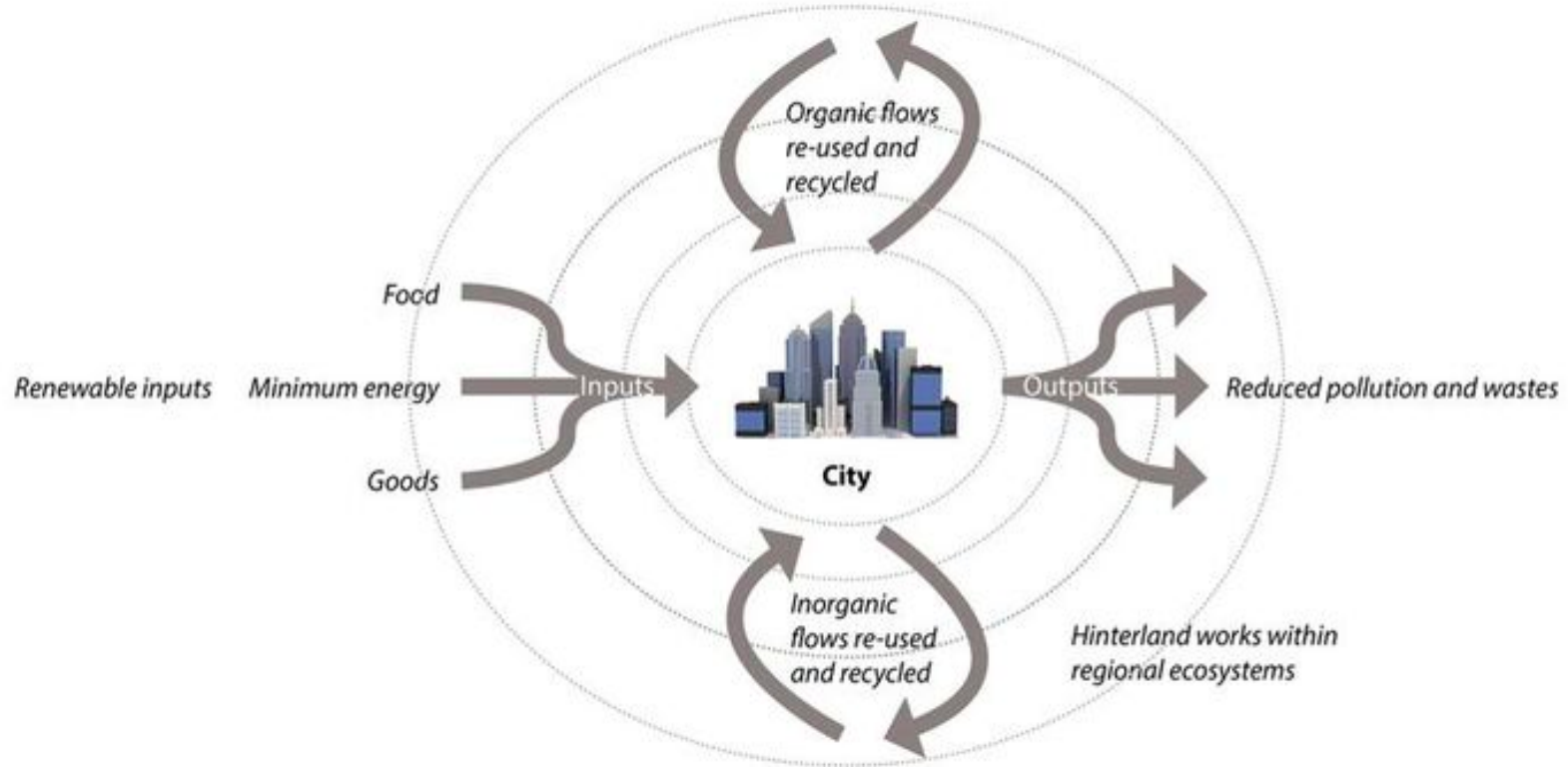
CIRCULAR ECONOMY



Van lineair stedelijk metabolisme...



Naar een circulair model: reduce, reuse, repair, recycle





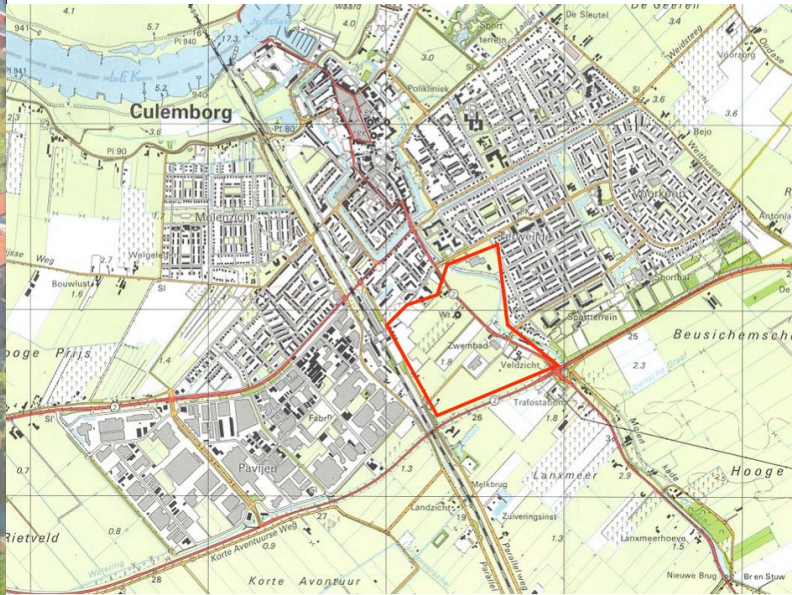
Ecodus Delft

GWL Terrein Amsterdam





Eva Lanxmeer



An aerial architectural rendering of a modern urban development. The scene features a large, irregularly shaped blue lake in the foreground, surrounded by green grass and clusters of trees. A winding path or road follows the shoreline of the lake. In the middle ground, there are several residential clusters. One cluster on the left consists of small, dark-roofed houses with light-colored walls, interspersed with trees. Another cluster to the right shows more uniform, multi-story residential buildings. A prominent feature is a tall, cylindrical building with a curved facade and a flat roof, located near the bottom right. The background shows a continuation of the urban landscape with more buildings and green spaces. The overall color palette is dominated by greens, blues, and greys, suggesting a focus on nature and modern architecture.

Rijswijk Buiten

**Masdar City
Abu Dhabi**



Hammarby Sjöstad, Stockholm

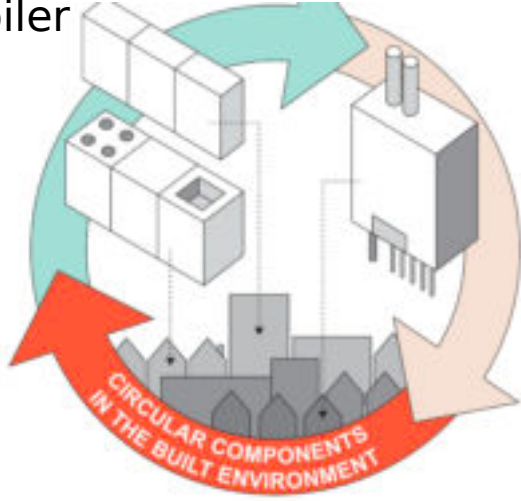


Stockholm Royal Seaport



Gaat het om het sluiten van kringlopen?

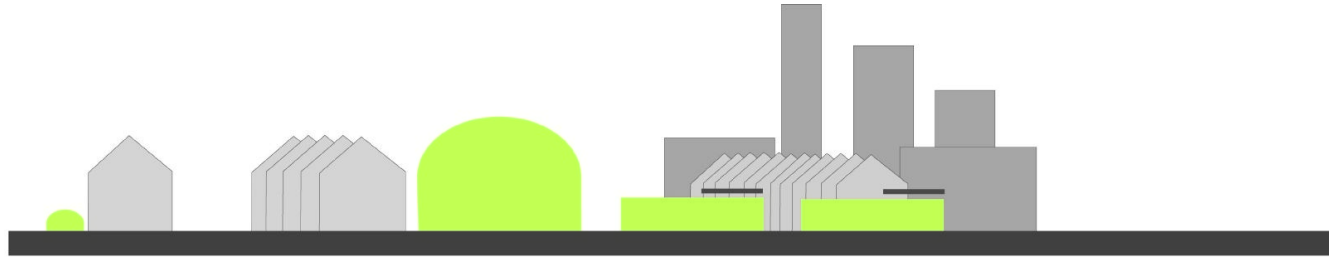
Closing the innerloop:
Circular kitchen, plug-and-play
boiler



Spatial strategies for
using waste as resource

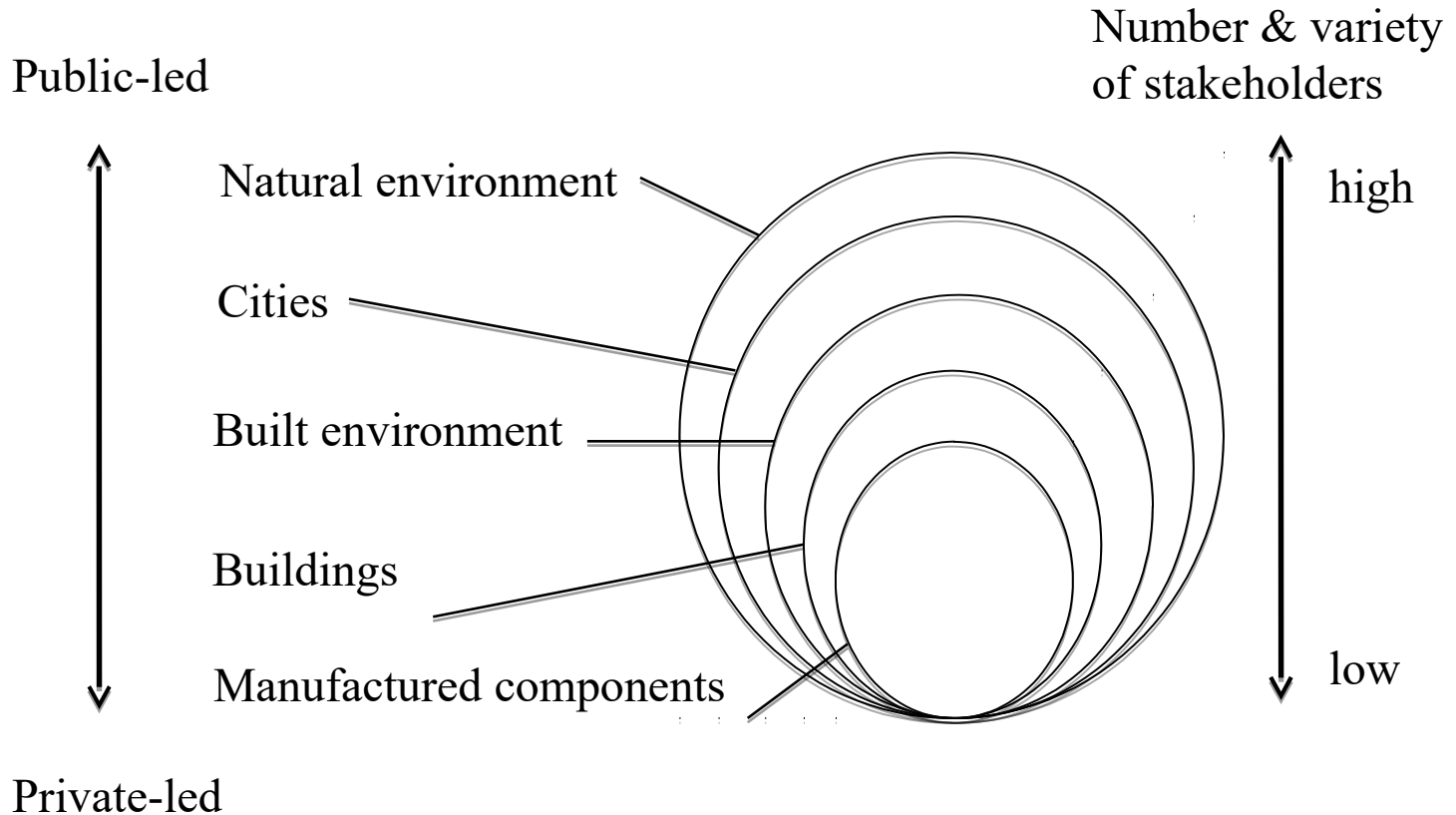


Op welk niveau kringlopen te sluiten? Gebiedsgericht?



From centralised to decentralised and distributed
infrastructures

Hoe om te gaan met complexiteit?



Welke institutionele veranderingen zijn nodig?

Low dynamics



High dynamics



Culture



Formalised regulations



Governance instruments,
arrangements



Stakeholders and their
interactions



Discussie over circulaire gebiedsontwikkeling

- Sladjana Mijatovic – Programmamaleider Circulaire Economie en Innovatie, gemeente Amsterdam
- Frans Deeleman, projectdirecteur Rijksvastgoedbedrijf, Energierijk Den Haag