

Workshop 2.3 | Decelerating the throughput: is a circular economy the solution?

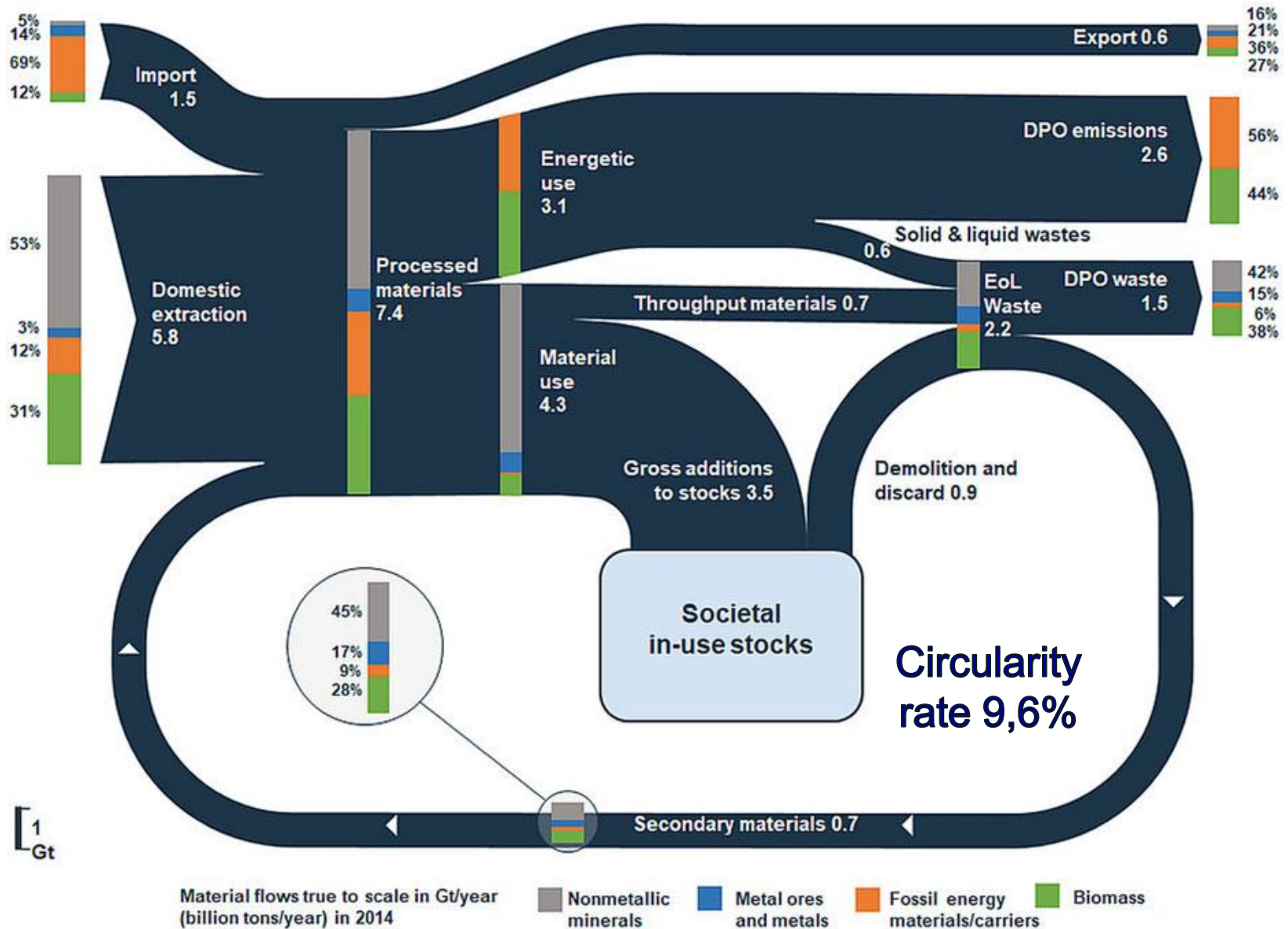
The contribution of post growth approaches to resource conservation & circular economy

25 September 2020, 14:15

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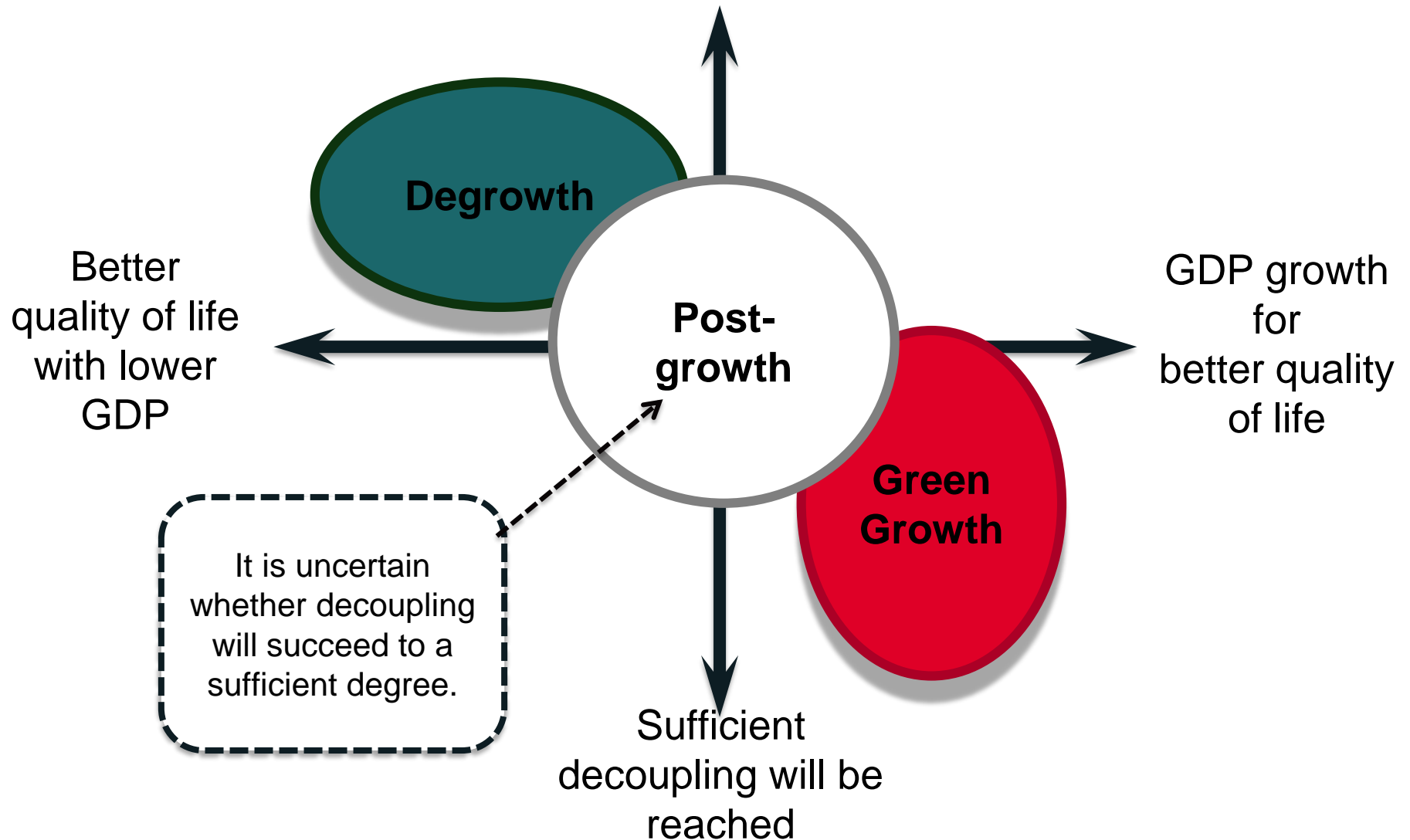
Wuppertal Institute for Climate, Environment and Energy

Material flows and material loops in the EU, 2014

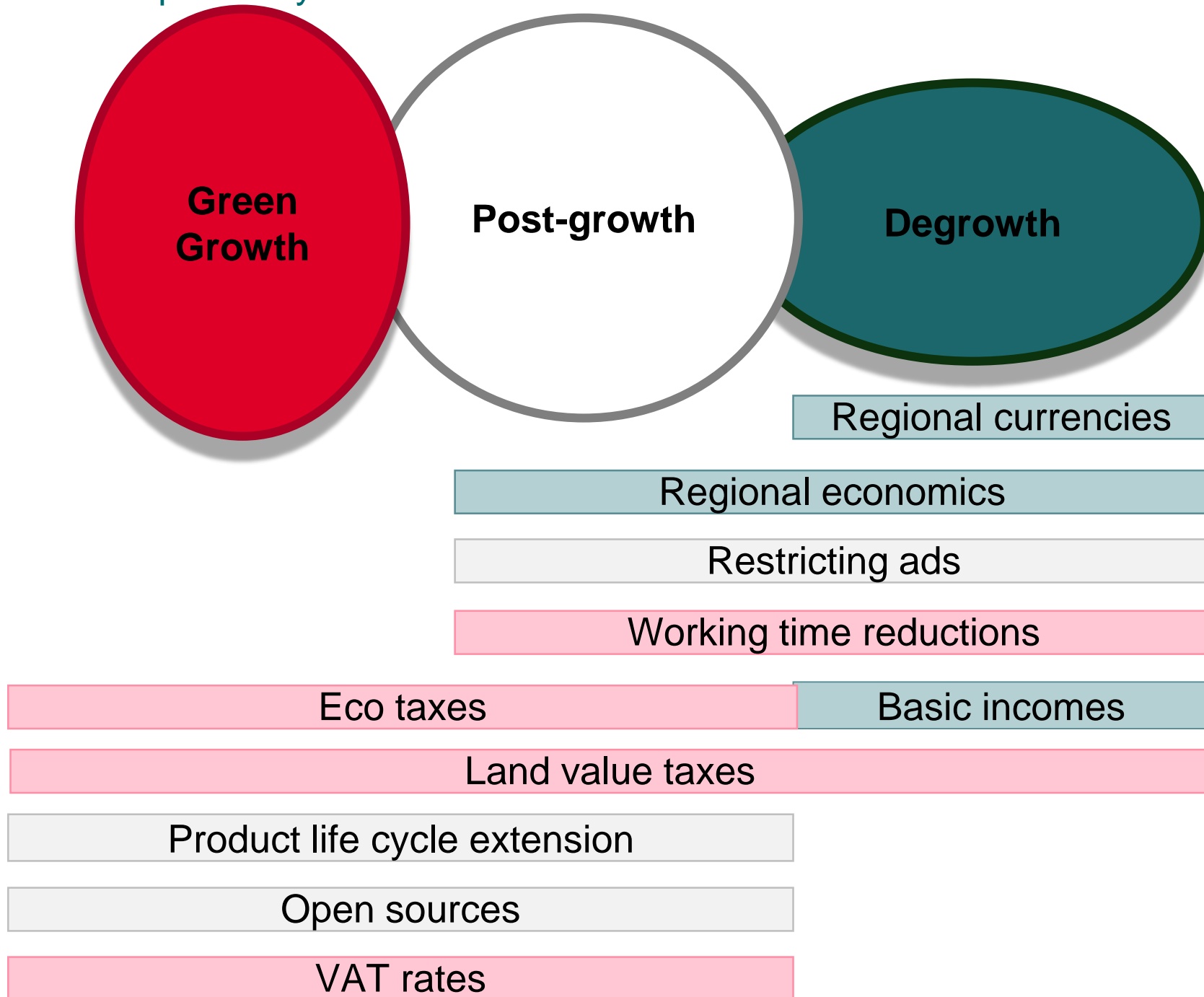


Source: Mayer, A., et al. (2019). Measuring Progress towards a Circular Economy: A Monitoring Framework for Economy-wide Material Loop Closing in the EU28. *Journal of Industrial Ecology*, 23(1), 62–76.

Sufficient decoupling of economic performance and resource consumption will not be reached



Selection of 10 instruments from the debates for an in-depth analysis

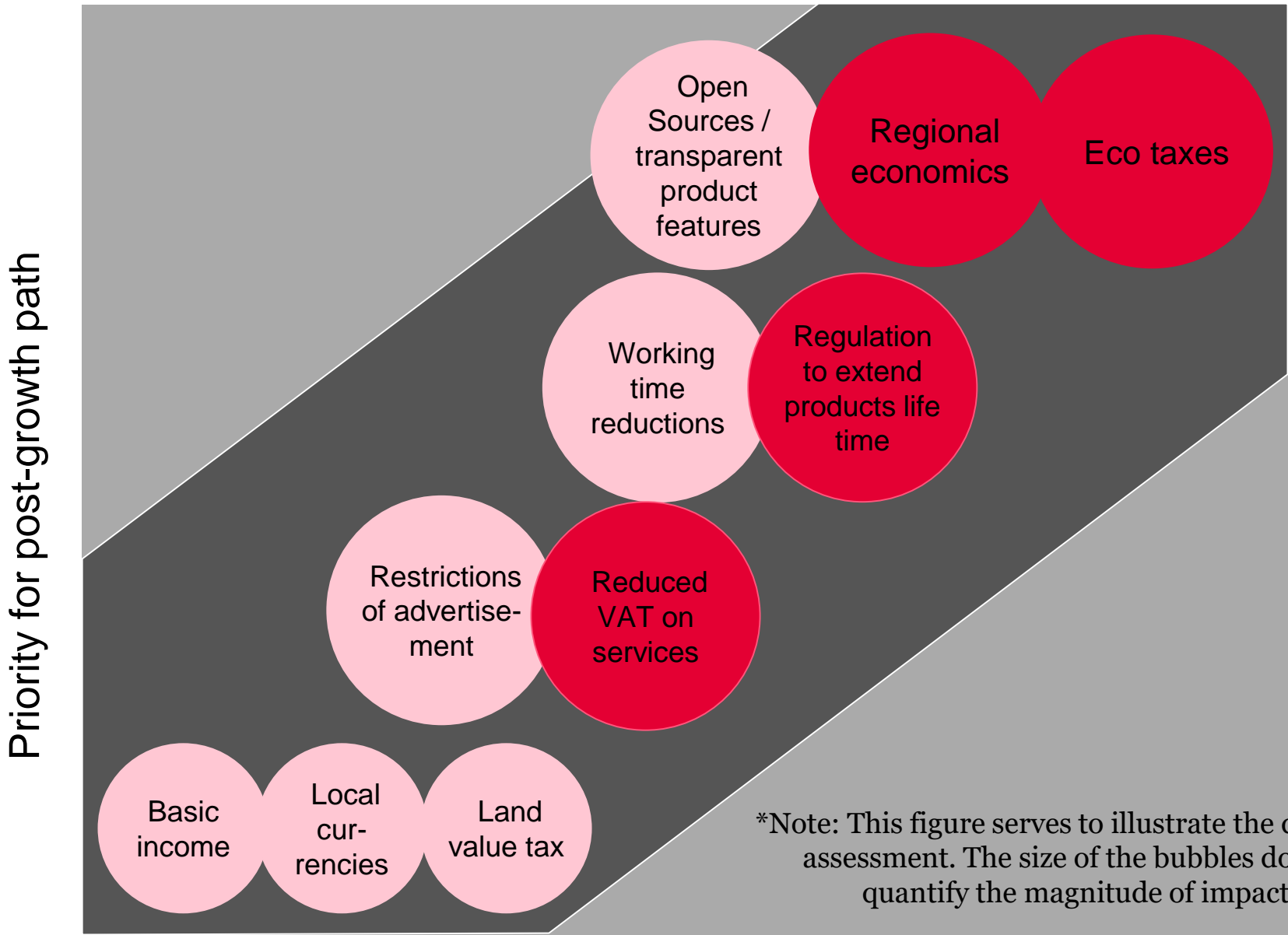


Which impacts are expected?

Impacts	Strongly positive	Very positive	Positive	Moderately positive	Uncertain
High (also as a single instruments)	Eco-taxes (internalisation of external costs)	Regional Economics	Open Sources (transparent product features)		
Medium (as elements of a policy mix)			Working time reductions	Reduced VAT rates on services	
			Extended Product life cycle	Restrictions on advertising	
Low (as additional instruments)				Land value tax	Regional currencies
					Ecological Basic Income

Towards a post growth path:

Recommendations for instruments and measures



Estimated resource conserving potential

New Green Deal 2019

→ e.g. Renovation wave, „from farm to fork“

New EU Taxonomy 2020

→ Substantial contribution to the transition to a circular economy

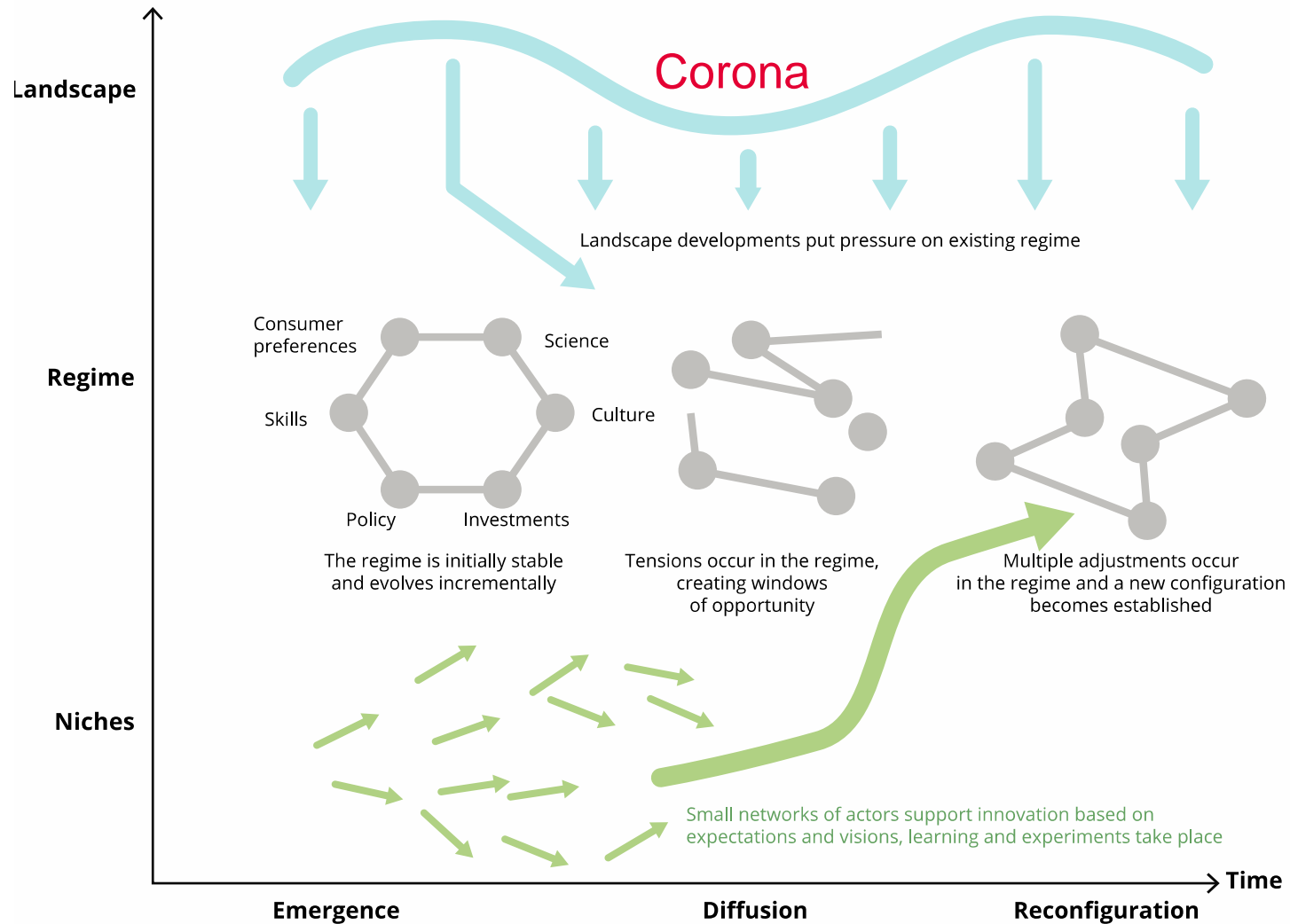
→ “a balanced economic growth” ?

New Circular Economy Action Plan 2020

→ Key value chains, “getting the economics right”

The multilevel perspective on sustainability transitions

May Corona induce a disruption or a system reconfiguration toward decelerating the throughput?



Source: EEA, Sustainability transitions, Copenhagen, 2019, p.27; based on Geels, Co-evolutionary and multi-level dynamics in transitions, in Technovation, 2006; addition by presenter

For more information: wupperinst.org/en/divisions/circular-economy/

Thank you
for your attention



