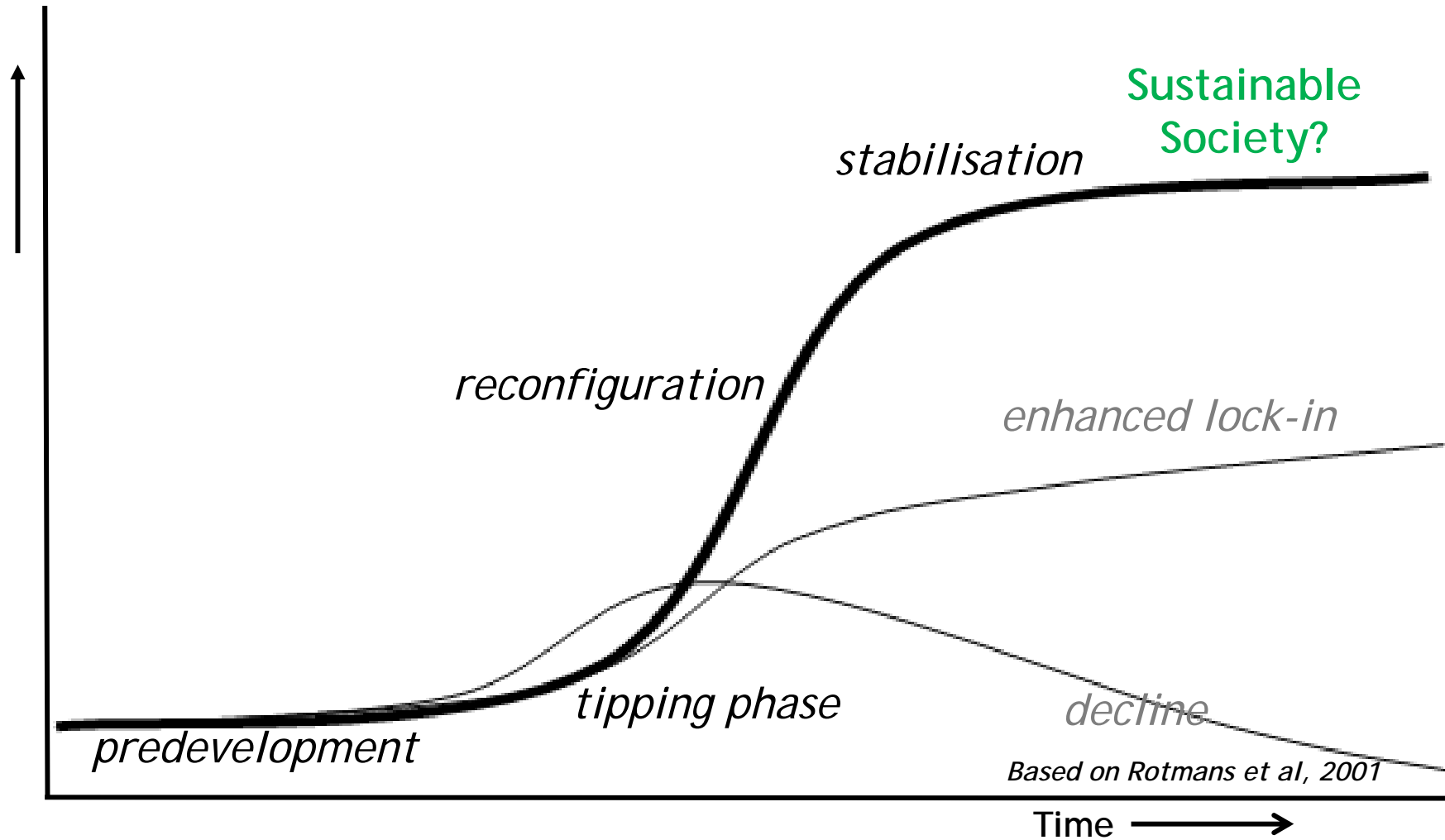


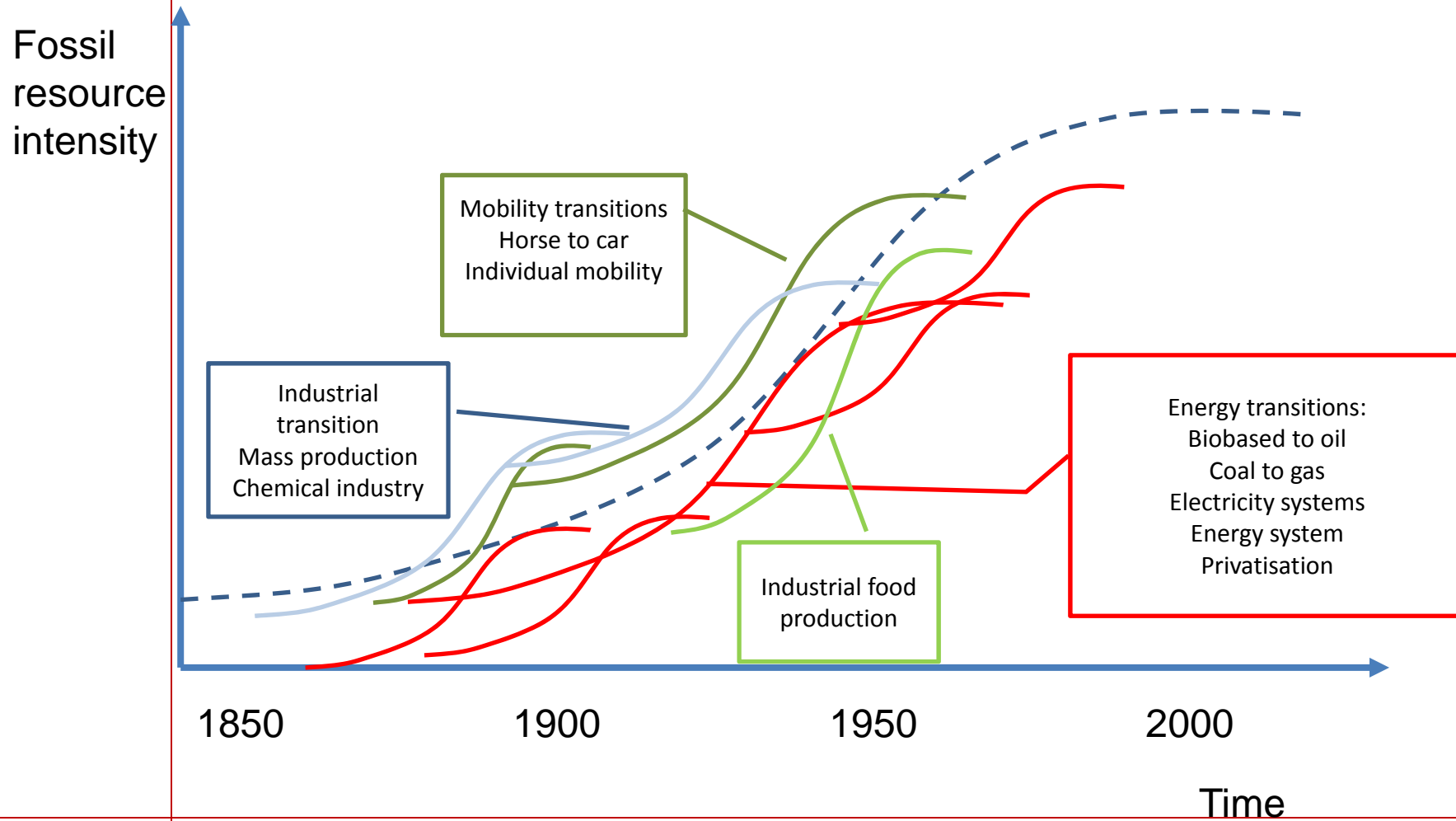
Towards the New Transformation

Prof. dr. Derk Loorbach
Rome, 01-10-2014

Understanding transitions



The Great Transformation



Towards a New Transformation?

Drivers of modernity

Central

Representative democracy
Planning and control



Fossil

Coal, oil, gas
Chemical industry



Linear

Technological innovation
Efficiency



Emerging drivers

Distributed

Panarchy
Guidance and facilitation

Renewable

Wind, solar, biomass
Biobased industry

Circular

System change
Social innovation

An apocalypse in slow motion?

- Most policies and targets focused on decreasing negative impacts
- Emerging alternatives create possibility for radical shift to low-carbon society
- Shift from optimisation to transformation implies transitions, uncertainty and conflict

Examples

From

- New wind parks, co-firing
- Efficient waste recycling
- Efficient SUVs

- Resource recuperation in wastewater
- Innovation policy, participation

To

- Radical energy neutrality
- Material reuse
- Cycling, hydrogen, e-mobility, uber

- Decentralized ecological filters, waterless toilets
- Transition policy, co-governance

Transition points

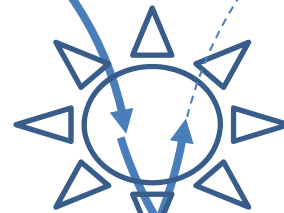


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Transition governance

Top down
Institutional innovation

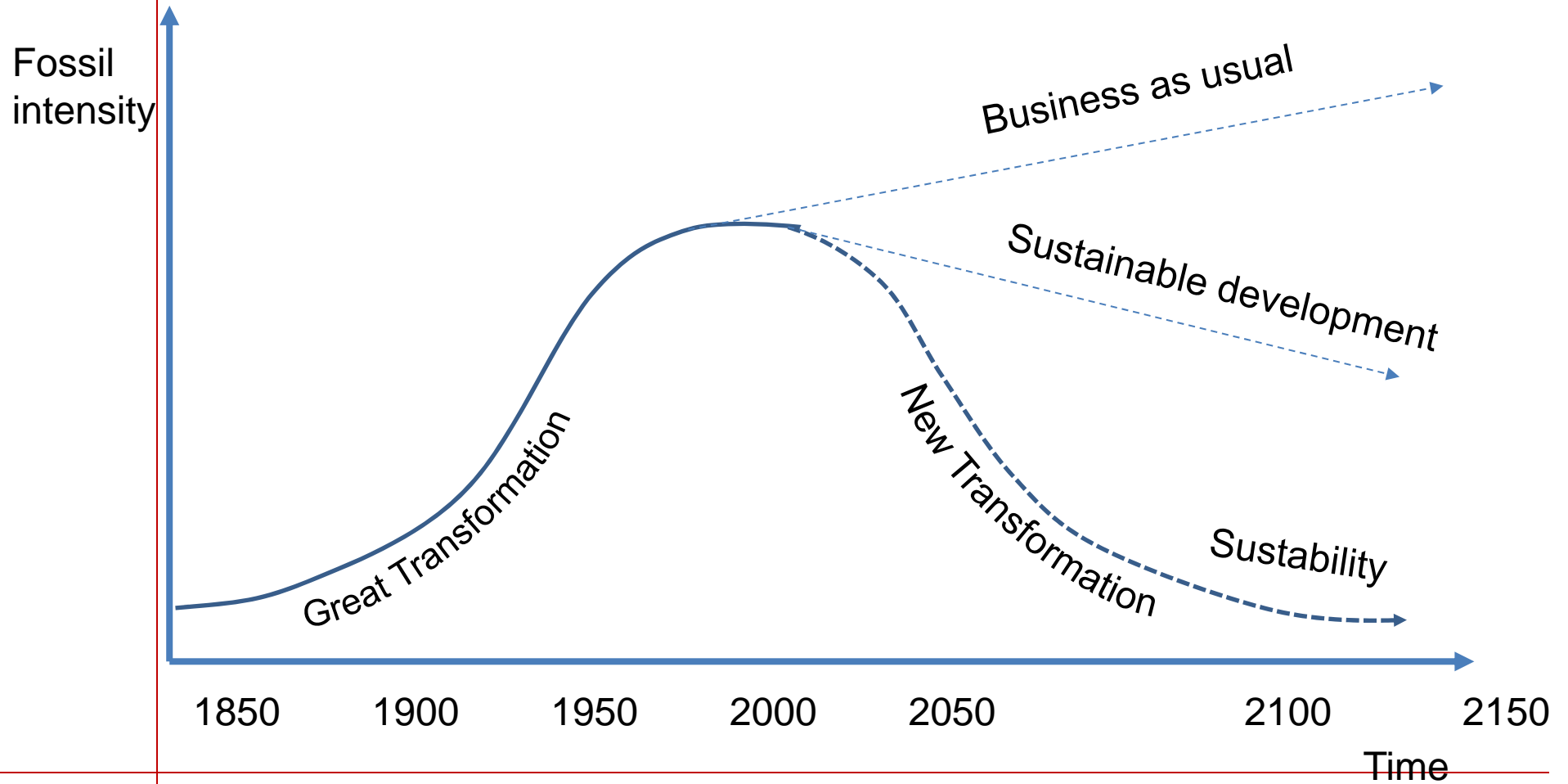
Bottom up
Social innovation



Transition points

Phase out
Managed destruction

Towards Susta(ina)bility



Transformative science?

- The New Transformation is a society wide experimental journey
- Requires facts, interpretation, sense-making, reflexivity, learning and new ideas
- Implies more hybrid and transdisciplinary science
 - co-creating new realities, identifying breakthrough points, mobilising and empowering alternatives and disempowering regimes

Thank you for your attention

REPORT

November 2012

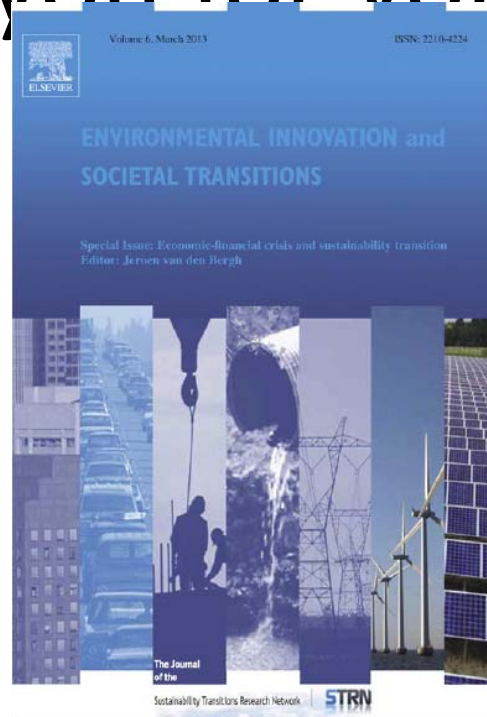


Transition Management in Urban Context

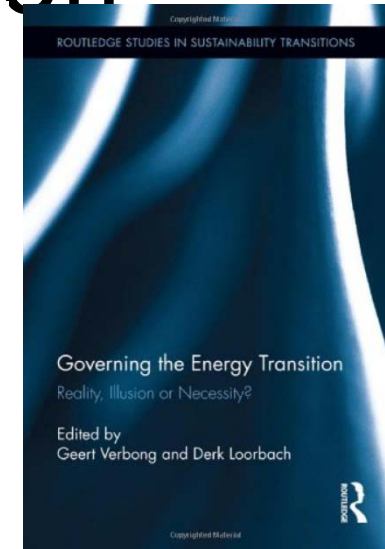
Guidance manual - collaborative evaluation version

This report is aimed at inspiring and guiding city officers who work on creating a sustainable future of their city. It introduces Transition Management, a governance approach that aims at influencing the pace and direction of societal change dynamics. It illustrates the approach by experiences from five European cities. This is a collaborative evaluation version. You can contribute by sending your feedback.

Authors
Chris Rooda
Niki Franzesevski
Derk Loorbach
Frank van Steenberghe
Julia Wilmayer



1. Introduction
Even though the economic crisis has dominated the news since 2008, it has barely been dealt with in transitions research. In this paper we explore how the economic crisis might be conceptualized as part of broader socio-economic transitions and what this implies for transition governance. We argue



For more information and publications:

loorbach@drift.eur.nl

www.drift.eur.nl

www.transitionsnetwork.org

www.twitter.com/drk75

