

Societal Scenarios for Low-resource Living

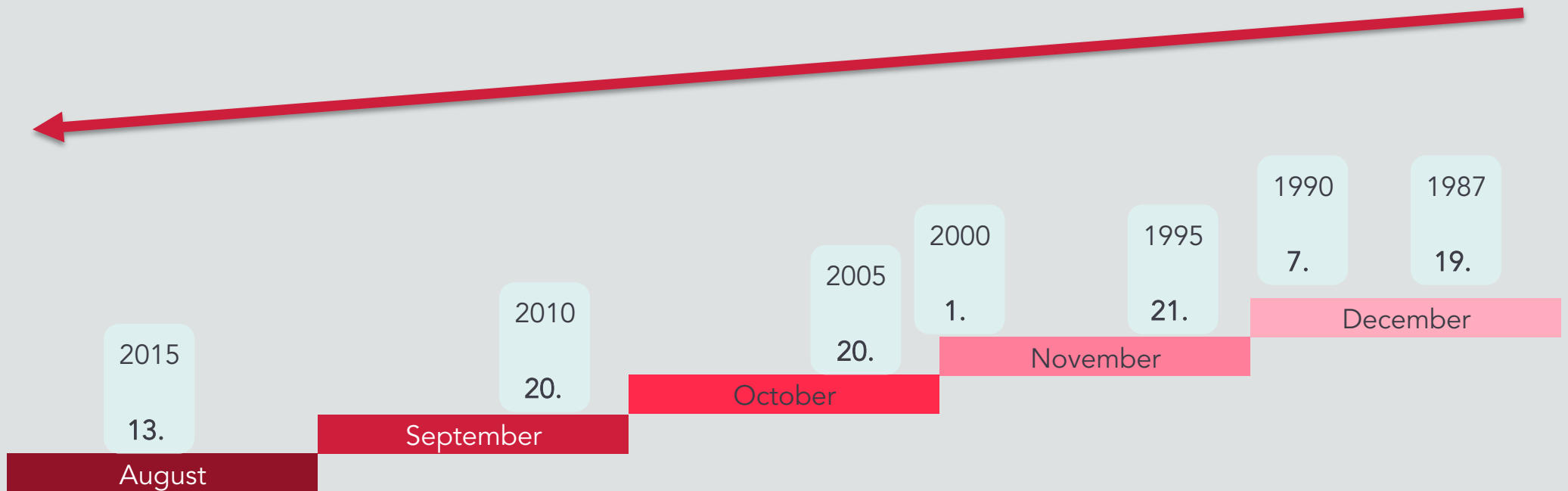


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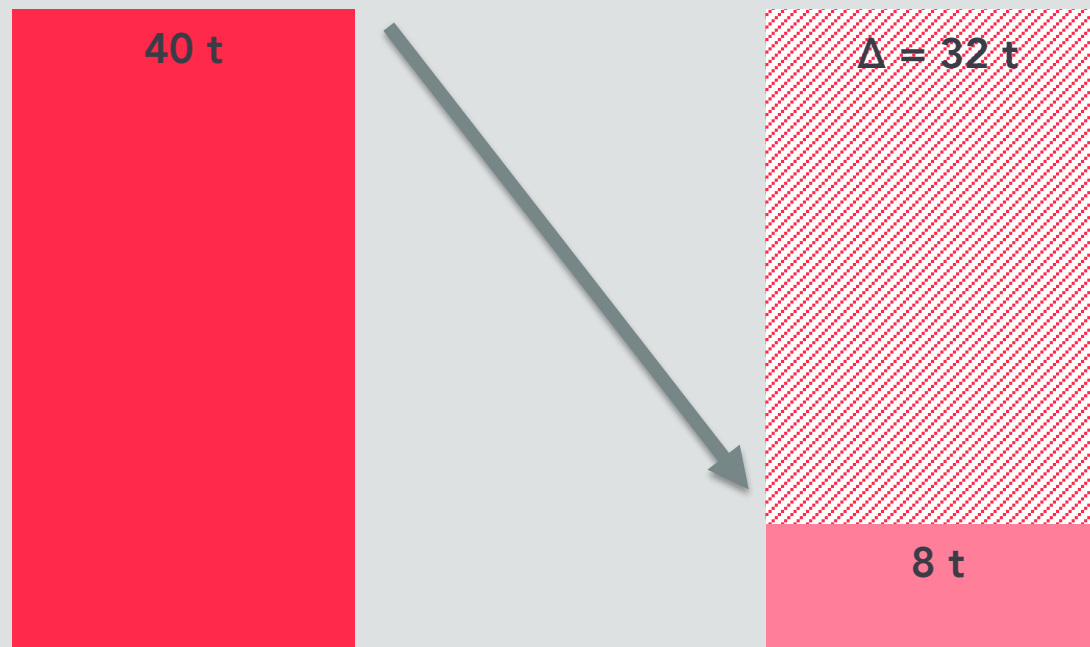
Since 1997, companies and institutions around the globe are shaping their futures based on Z_punkt insights & outlooks.



Earth Overshoot Day: (Not) living within planetary boundaries



Radical reduction of resource use in Germany



Food: from 6 to 3 tons

Mainly vegetarian diet



Habitat/Living: from 11 to 1.6 tons

20 m²/cap



Mobility: from 18 to 2 tons

No private cars





Technological solutions ...

... & political programmes





But what about society?

Scenario Space

Disruptions

Space of opportunities

Scenario A

Scenario B (Business as usual)

Scenario C

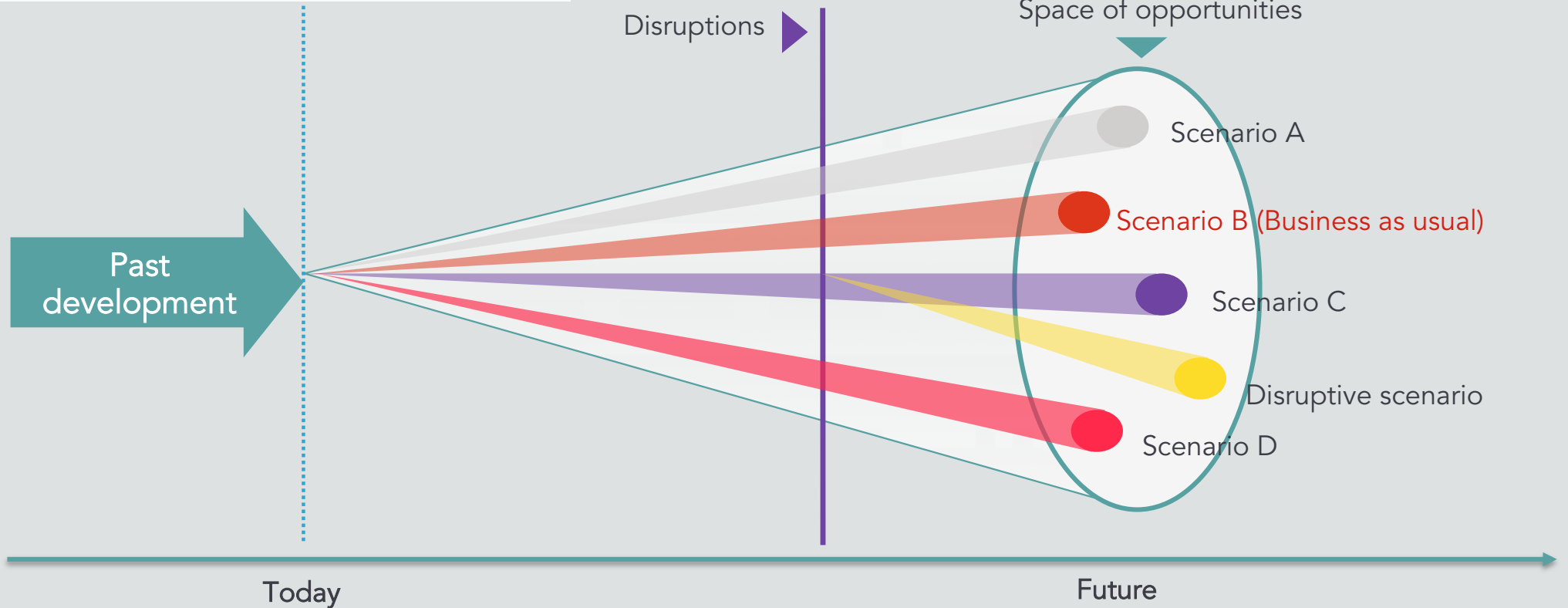
Disruptive scenario

Scenario D

Past
development

Today

Future



Low-Resource Society in Germany: From Morphological Box ...

Individuals/Consumers					Business				Politics				Science
Consumption patterns	Digital technology usage	Community building	Opinion making	Social security and health care	Innovation paradigm	Value creation patterns	Employment models	Entrepreneurial motivation	Resource politics	Political decision making	Prosperity and growth concepts	Commercial policy and innovation support	Education and knowledge building
Collaborative consumption	Offline society	New order of families	News & knowledge as commons	Citizens' insurance scheme	Cooperative innovation	Regional economy	Cooperative labor division	Policy-based motivation	Broad non-fiscal support	Bottom-up & glocal	Green New Deal	Promotion of SMEs	Universal knowledge
Sustainable hedonism	IT-induced low-resource living	Global community	NGOs dominate opinion making	Lean social security	High-tech-induced low-resource living	Knowledge-based economy	New work models	High idealism	Focus on sanctioning	Bottom-up & local	Quality of life comes first	Top-runner approach	Top-down education
Voluntary simplicity	Digital regimen	New communes	Politics dominate opinion making	Cooperative models	Low-tech society	Circular economy	Basic income	Demand-based motivation	Real prices create new markets	Provident expertocracy	Commons and prosperity for all	Focus on tertiary sector	Bottom-up experience and learning
Rationed consumption			Media liberalisation	Basic security and care		Demand-based production	Low-resource living by rationalisation		Low-resource planned economy	Renaissance of the parliament			

... to Raw Scenarios

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Enriching the Raw Scenarios

Which steps/
measures/events
pave the way into
this future?

Who are the
main players?
How do they
proceed?

What are the
main challenges?

What are the
main differences
to the present?
To the other
scenarios?

Compared to
today, where are
opportunities for
lower resource
use?

Scenario 1: Cooperatives Promote Regionalism

- Principles of cooperatives rule in business & society
- Regionalism
- Bottom-up social change, social innovations

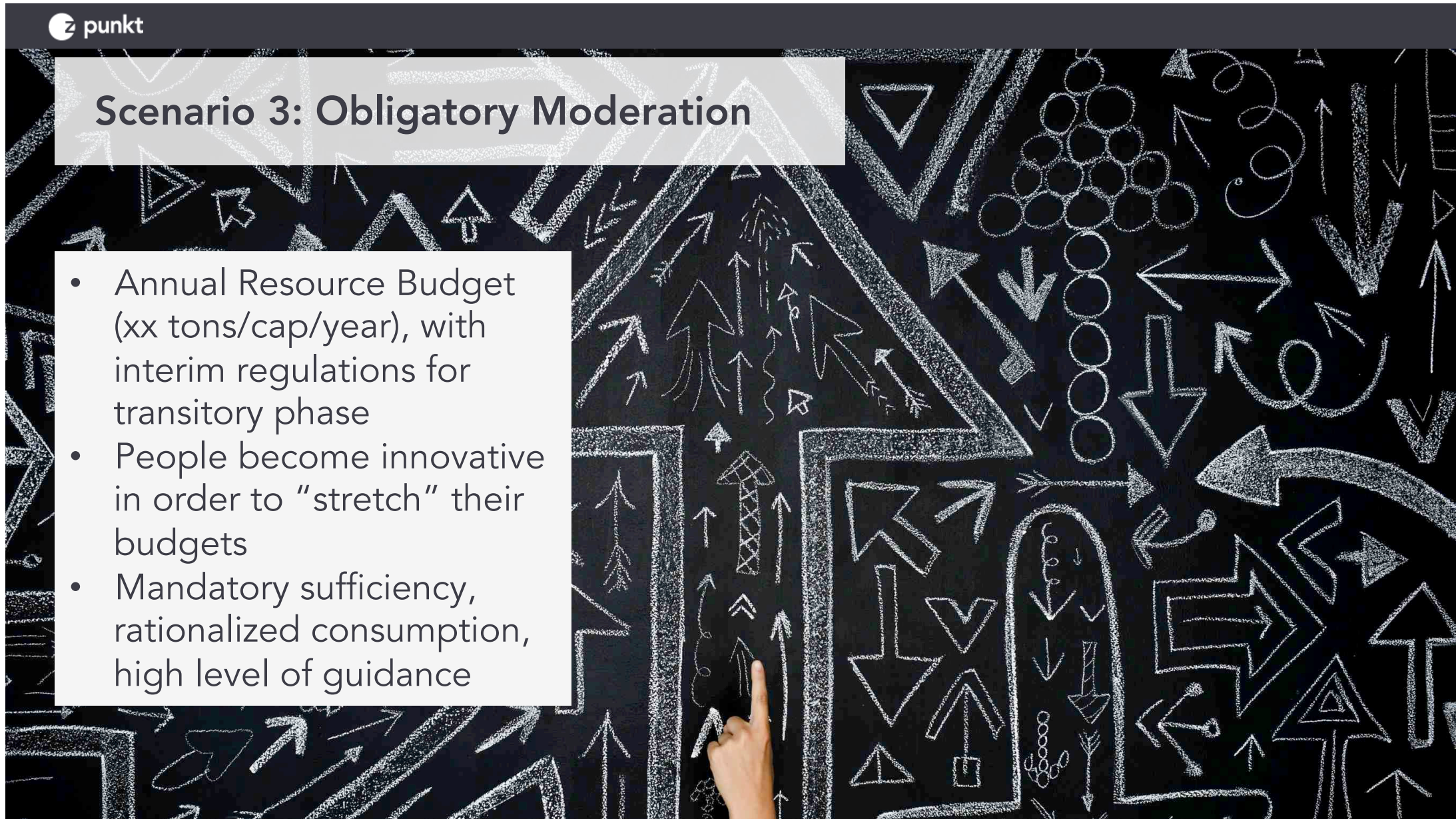


Scenario 2: Market-Based Ecologism

- Green Economy (German high tech strategy ctd.)
- Turnaround in energy use (Energiewende), resource usage, transport, agriculture
- Technological innovations dominate

Scenario 3: Obligatory Moderation

- Annual Resource Budget (xx tons/cap/year), with interim regulations for transitory phase
- People become innovative in order to “stretch” their budgets
- Mandatory sufficiency, rationalized consumption, high level of guidance



Scenario 4: Voluntary Simplicity

- Basic income (funded by eco-taxes)
- Voluntary moderation
- Strong local orientation, pro-active citizens



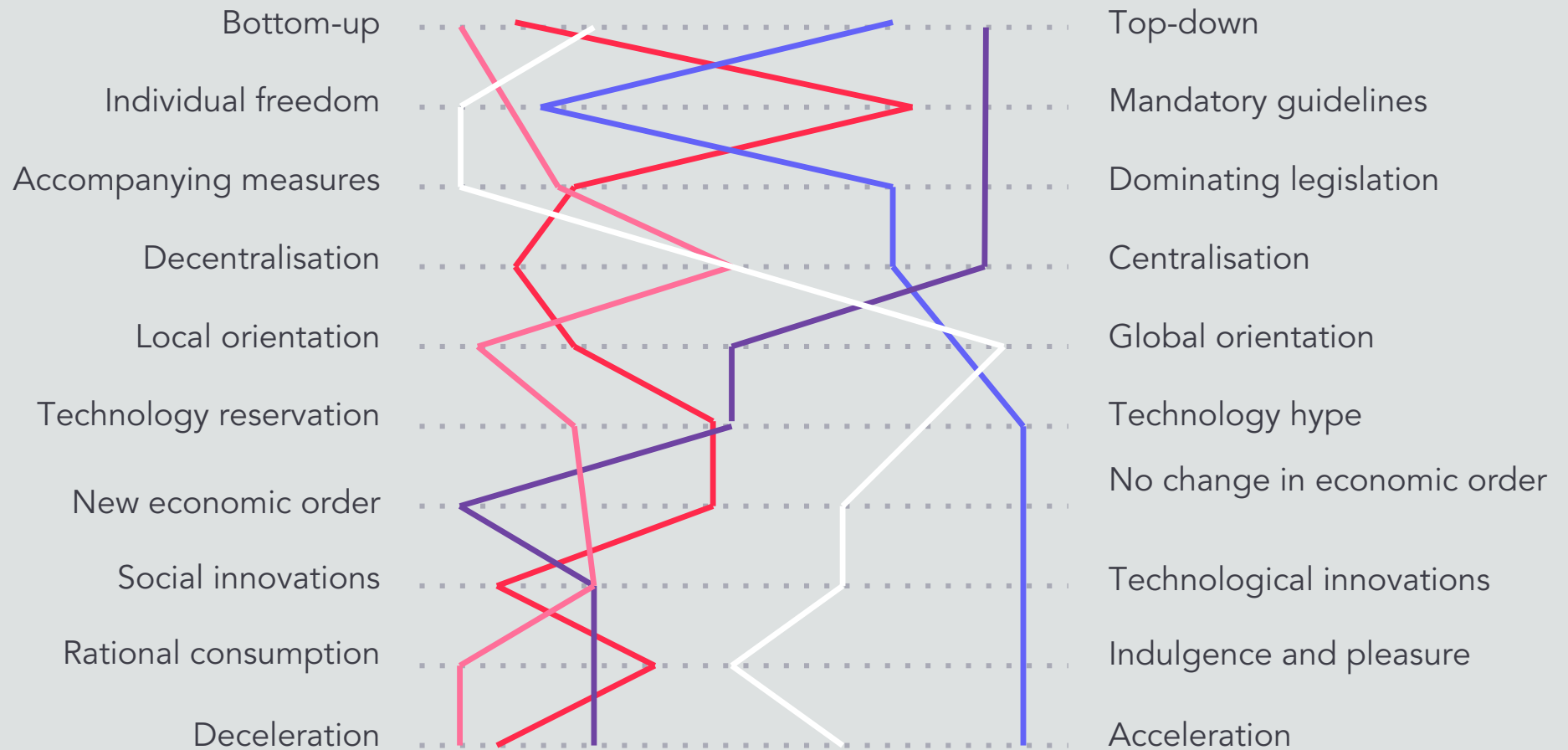
Scenario 5: Enlightened Global Society

- Dematerialisation: Focus on 3rd and 4th sector (services), deindustrialisation of Germany
- Strict standards for imports
- Global orientation, individual responsibility

Scenario Characteristics

— Sc. 1 Cooperatives Promote Regionalism
 — Sc. 2 Market-based Ecologism
 — Sc. 3 Obligatory Moderation

— Sc. 4 Voluntary Simplicity
 — Sc. 5 Enlightened Global Society



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