

# Sustainability and Transformation a framework for enabling policy diversity

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#### **temporality of dynamics** – are 'disturbances' envisaged as:

#### shocks

(transitory disturbance to otherwise continuous trajectory)



food: - supply bottlenecks

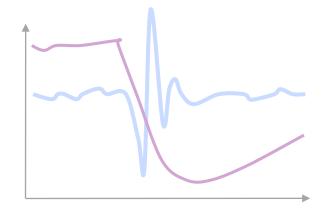
- price spikes

floods - severe rain episodes



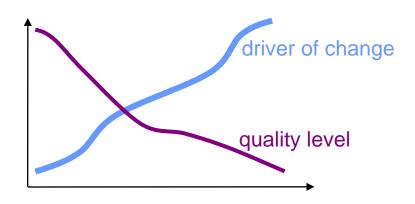
**temporality of dynamics** – are 'disturbances' envisaged as:

shocks



#### stresses

(pressure for enduring disturbance to orientation of trajectory)



food: - market trends

- resource depletion

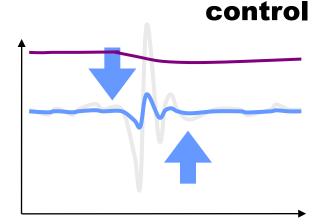
floods: - higher rainfall climate



quality level driver of change

**style of action** – do interventions aim at:

shocks



food: - mandate supply chains

- regulate prices

floods: - water flow

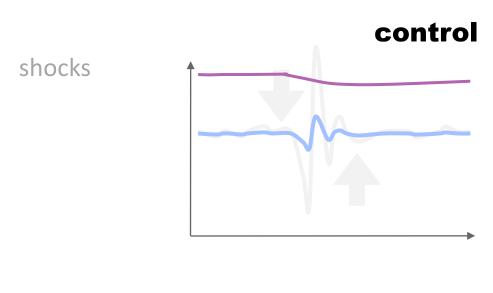
management



quality level driver of change

**style of action** – do interventions aim at:

stresses



food: - market structuring

- resource substitutions

floods: - engineered defence



quality level driver of change

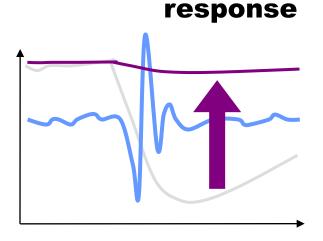
**2: style of action** – do interventions aim at:

#### shocks

food: - agile supply chains

- price elasticity

floods: - retrofit flood resistance





quality level driver of change

**2: style of action** – do interventions aim at:

shocks

response



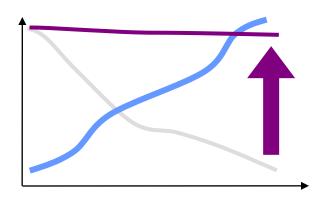
stresses

food:

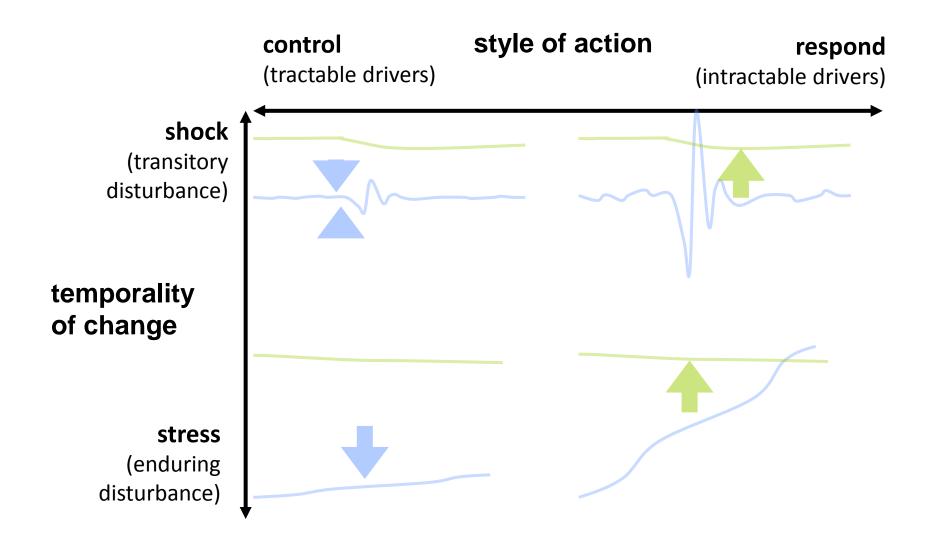
- foresighted institutions

- diverse dependencies

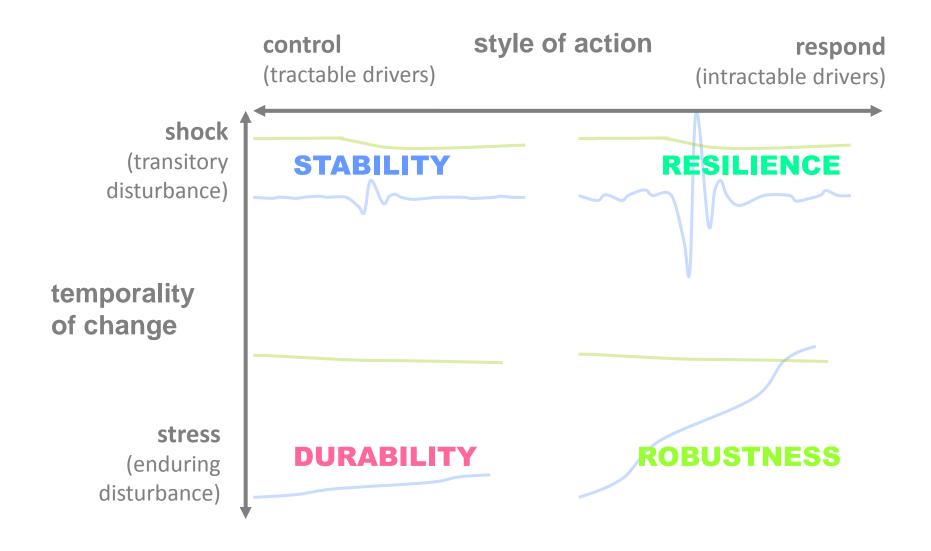
floods: - managed retreat



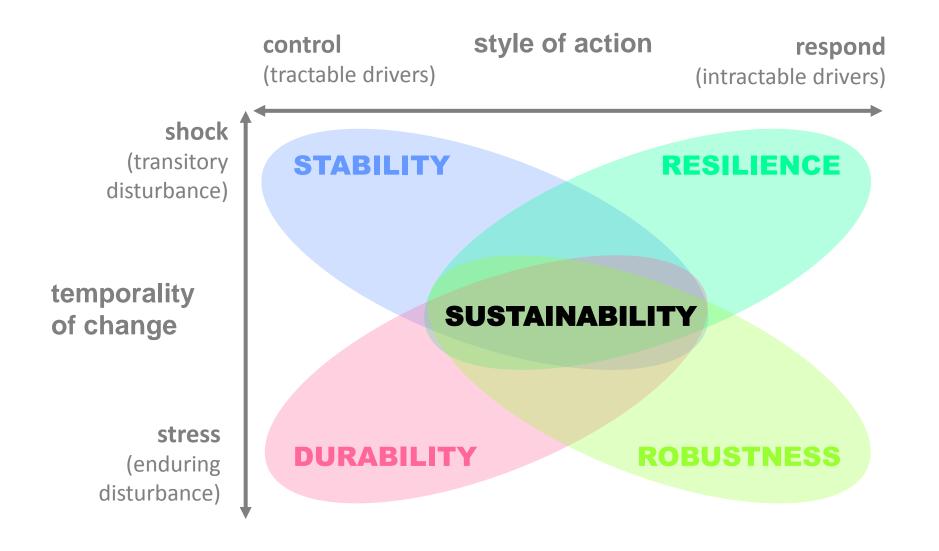
#### **Distinguishing Strategies**



## **Distinguishing Properties ...**



#### **Distinguishing Properties ... of Sustainabiltiy**



## Distinguishing Strategies... eg: land

control
(tractable drivers)

style of action

respond (intractable drivers)

shock

(transitory disturbance)

**STABILITY** 

RESILIENCE

**Intermediary groups**: meanwhile leases

**Growing groups**: *creative growing* 

temporality of change

stress

(enduring disturbance)

**Intermediary groups:** 

changes to <u>planning</u> advisory notices, strategic planning documents, city-wide urban strategies

**DURABILITY** 

ROBUSTNESS

# Distinguishing Strategies... eg: funding

control
(tractable drivers)

style of action

respond (intractable drivers)

shock

(transitory disturbance)

**STABILITY** 

RESILIENCE

re-applications for charitable funds,

charge for previously free service provision

temporality of change

stress

(enduring disturbance)

develop service provision <u>partnerships</u> with local statutory or charitable organisations

**DURABILITY** 

ROBUSTNESS

#### Distinguishing Strategies... eg: support

control

(tractable drivers)

style of action

respond

(intractable drivers)

shock

(transitory disturbance)

temporality of change

stress

(enduring disturbance)

#### **STABILITY**

mitigate interrupted revenue streams by <u>increasing pre-</u> <u>payment periods</u> for farm scheme subscriptions from monthly to quarterly

<u>awareness raising</u> measures to mitigate falling support for CSOs in specific towns, cities

**DURABILITY** 

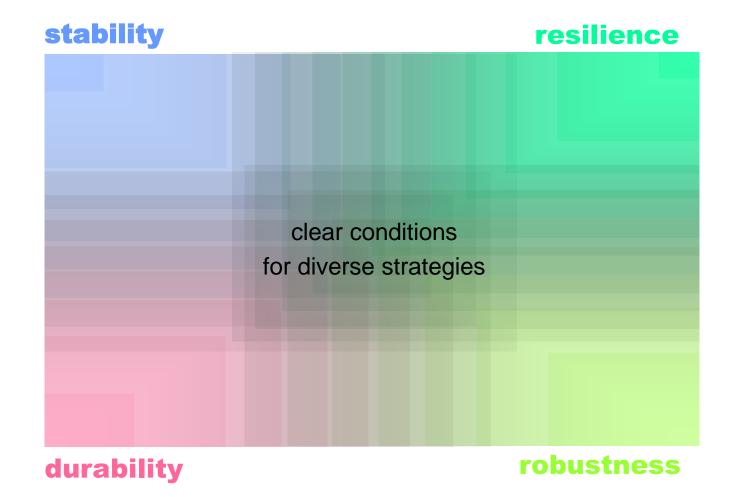
#### RESILIENCE

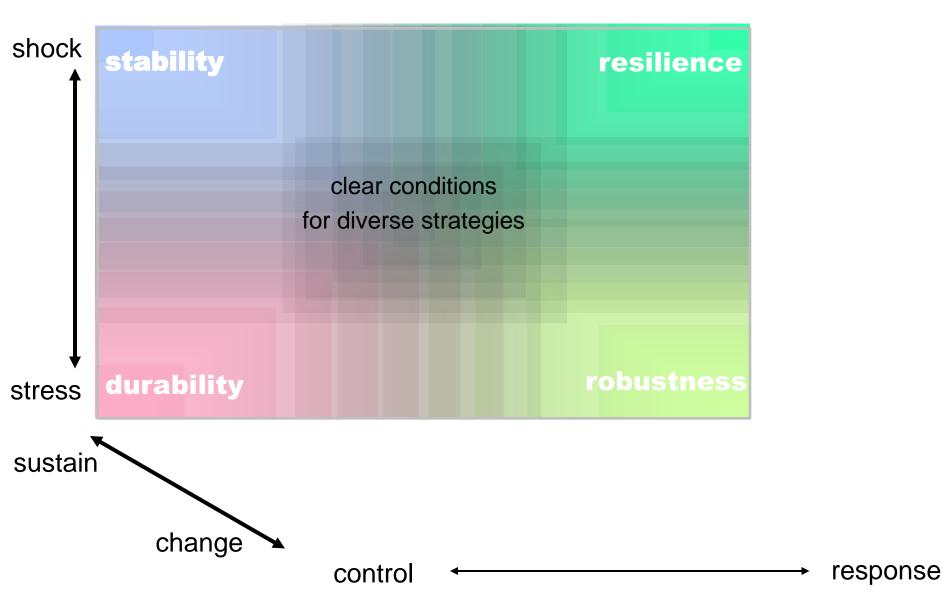
capacity to support farm festivals or availability of <a href="mailto:bridging support">bridging support</a>

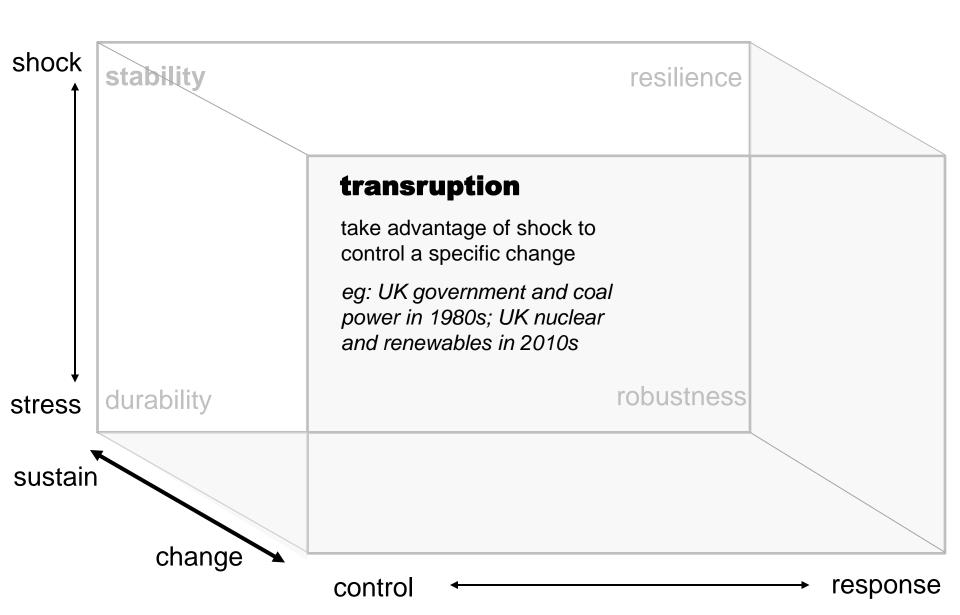
shift practice to <u>link</u>
<u>health care providers</u> to
build demand for
therapeutic growing

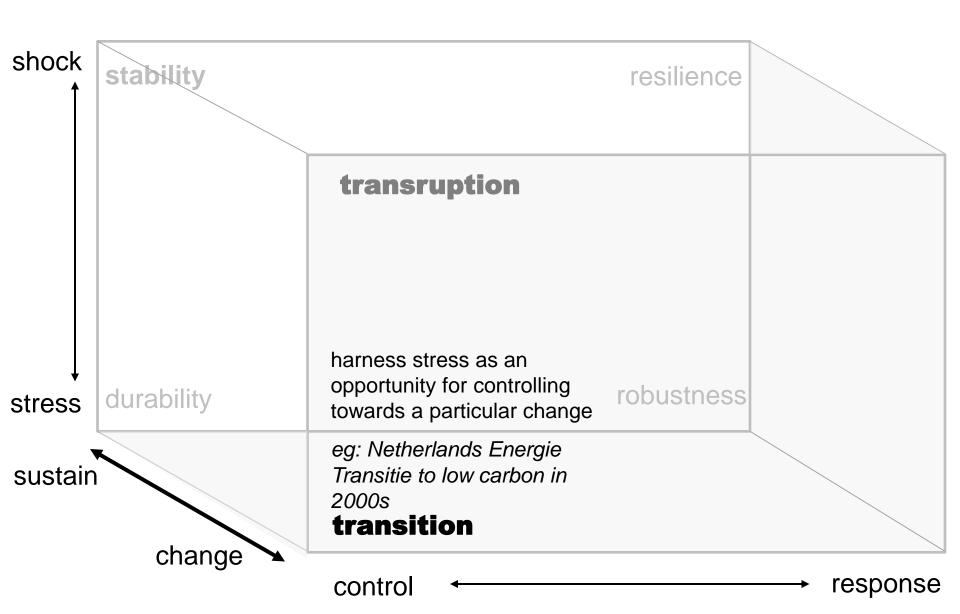
ROBUSTNESS

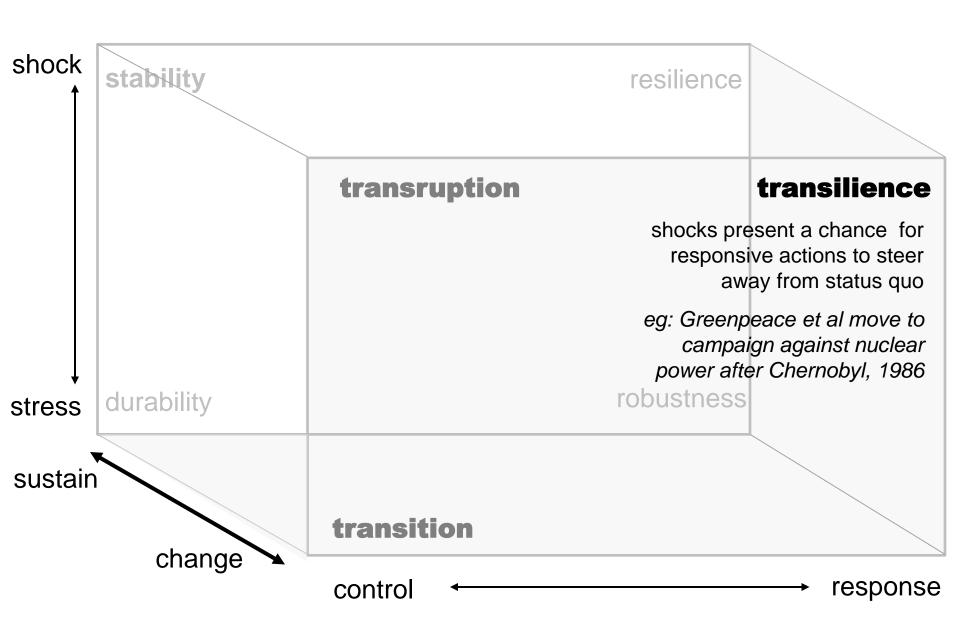
## From Sustaining ...

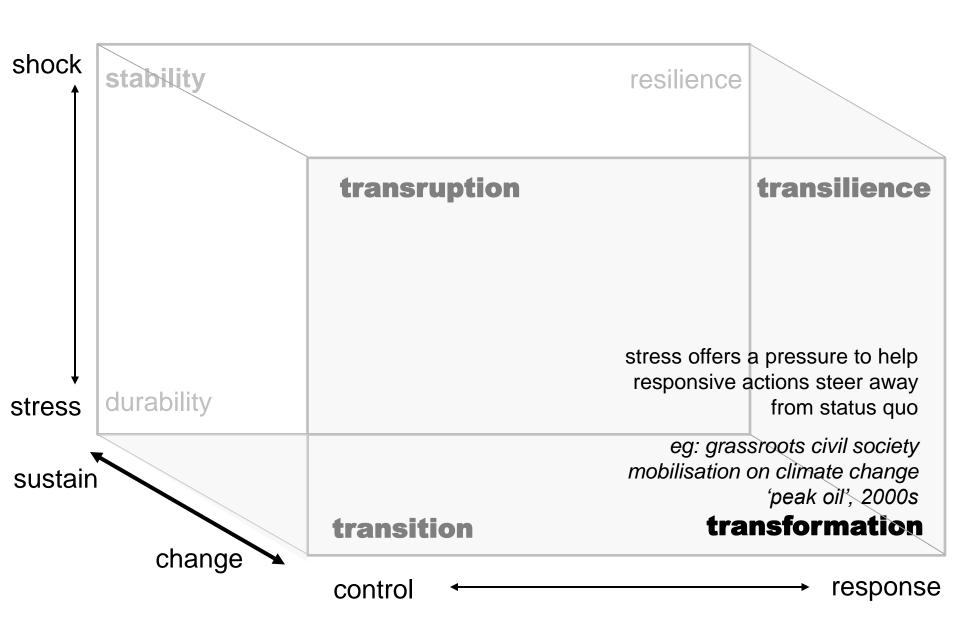


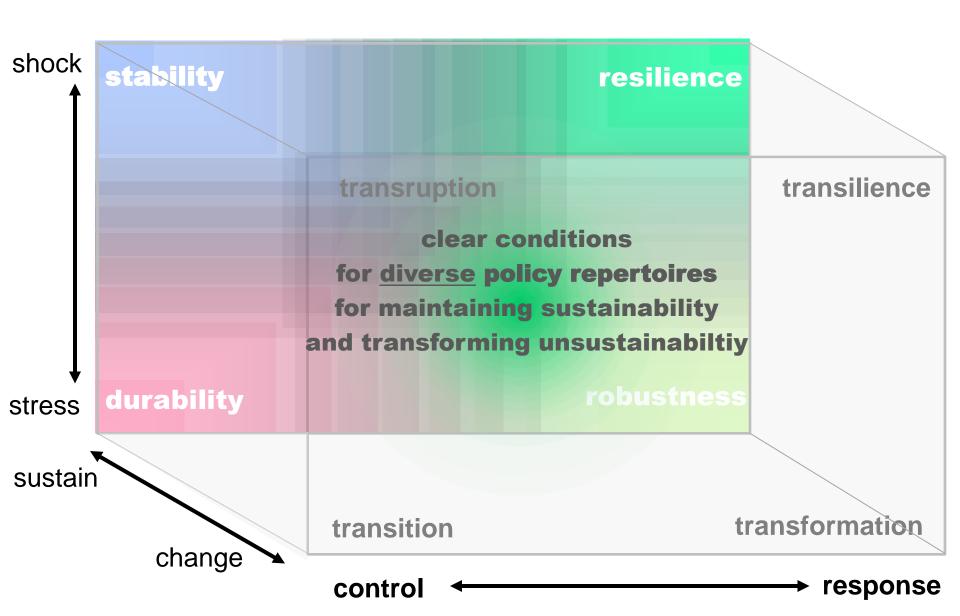


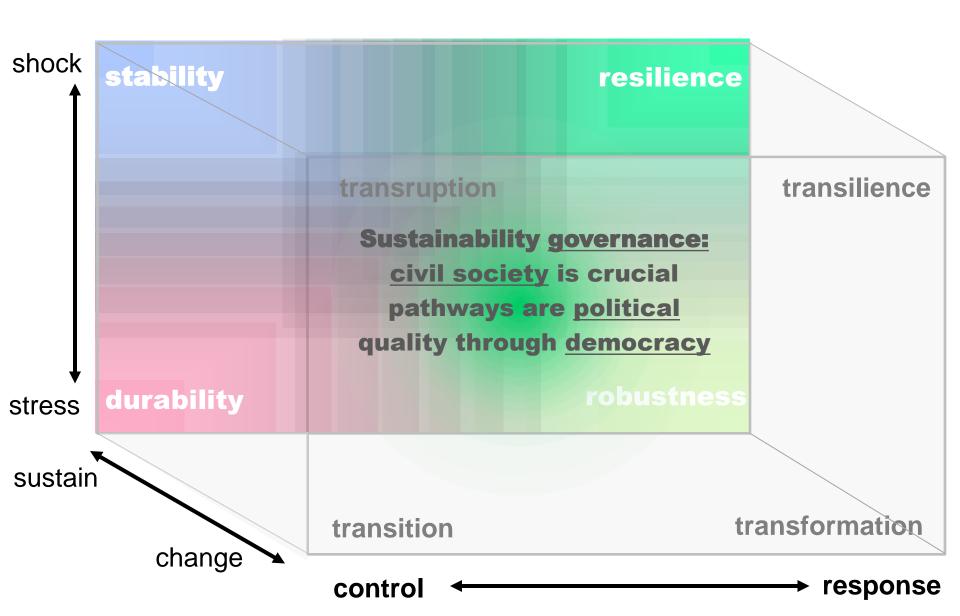






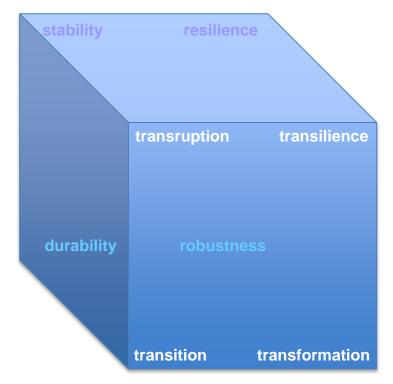








Sustainable Lifestyles Research Group



http://www.sustainablelifestyles.ac.uk/















