#Nextcity

URBANISM NEXT EUROPE 2021

A sneak peek on change - inside the systemworld

Marije ten Kate - Head Urban Planner

Gemeente Rotterdam


change
is good
zomersbloemen.nl


Embrace CHANGE. Love

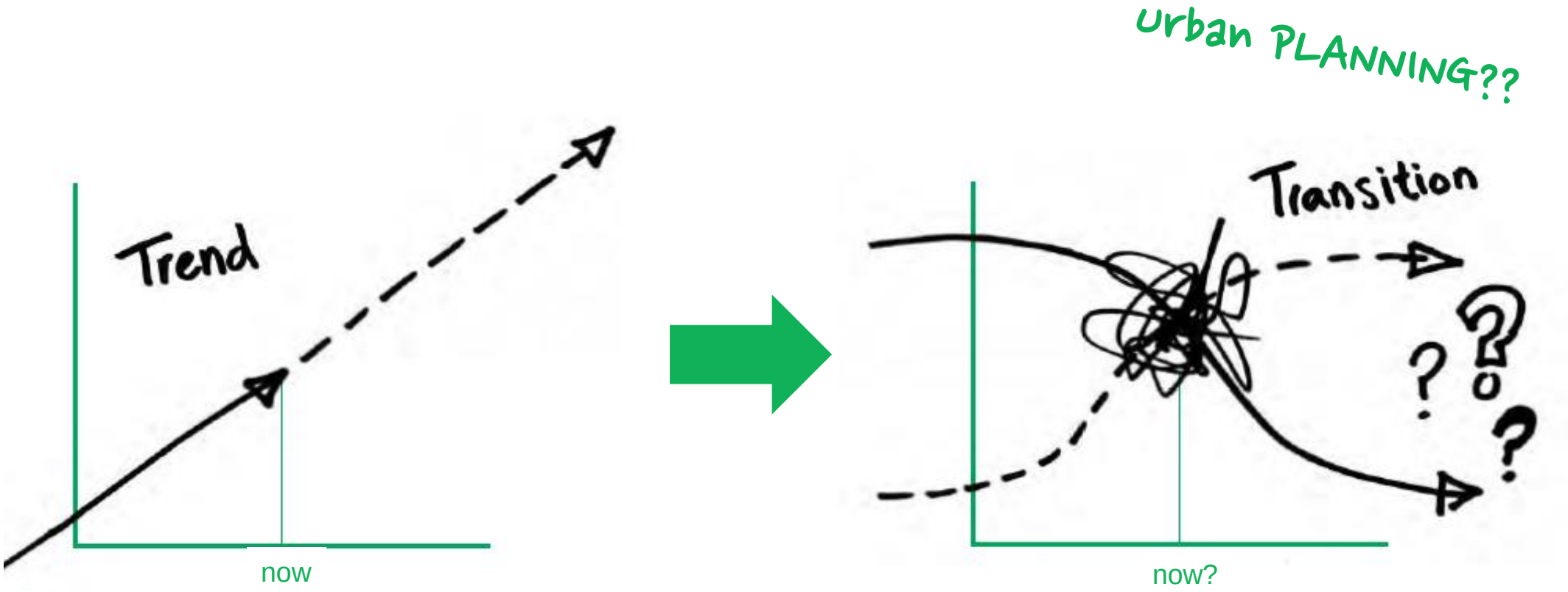

THE MODERNIST
DO N'T
MAKE
HIS
TORY
MAKE THE FUTURE


I HAVE TO CHANGE
TO STAY THE SAME

CHANGE
HAS
CHANGED

When the rear-view-mirror fails

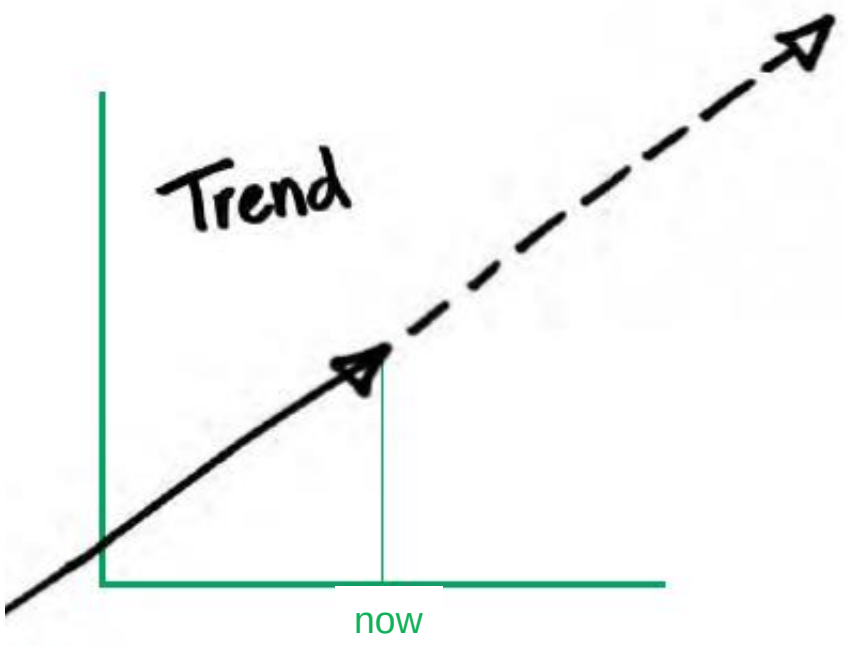
- Trends are predictable, transitions are uncertain
- Looking backwards doesn’t work anymore….



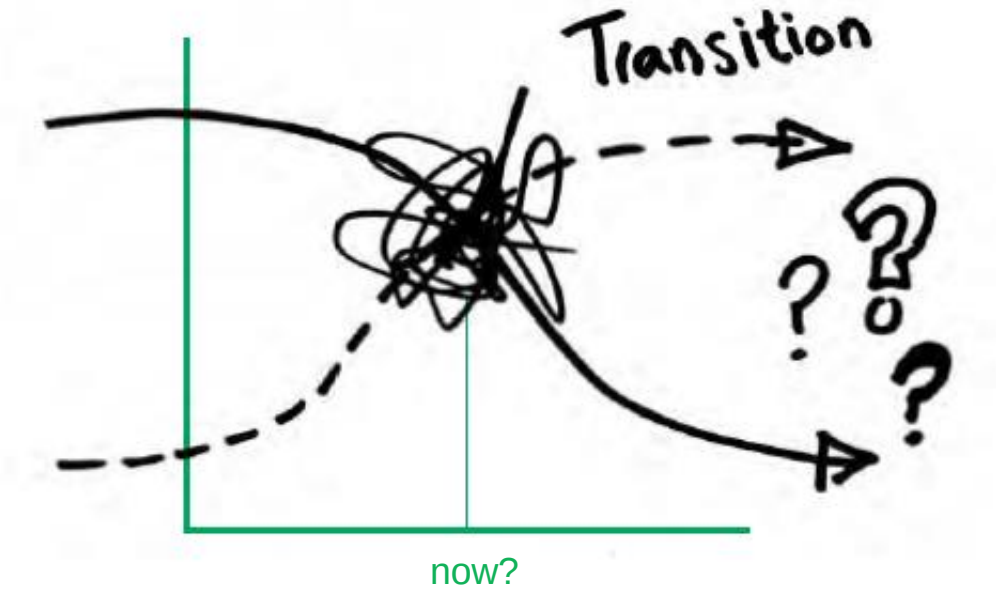
REGULAR POLICY MAKING

TRANSITION CHALLENGES: **#NextCity**

Trend or transition: different approach!

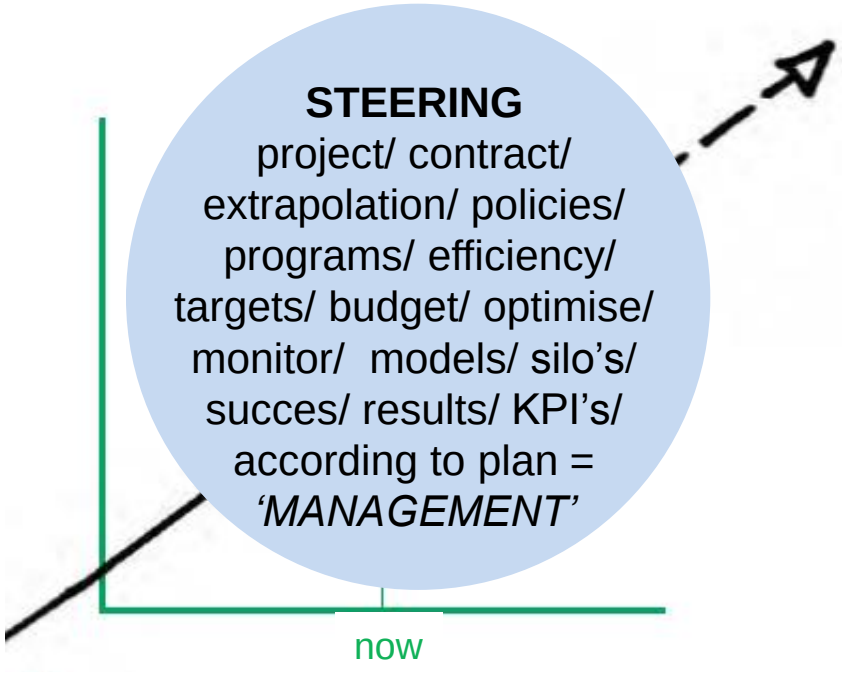


REGULAR POLICY MAKING

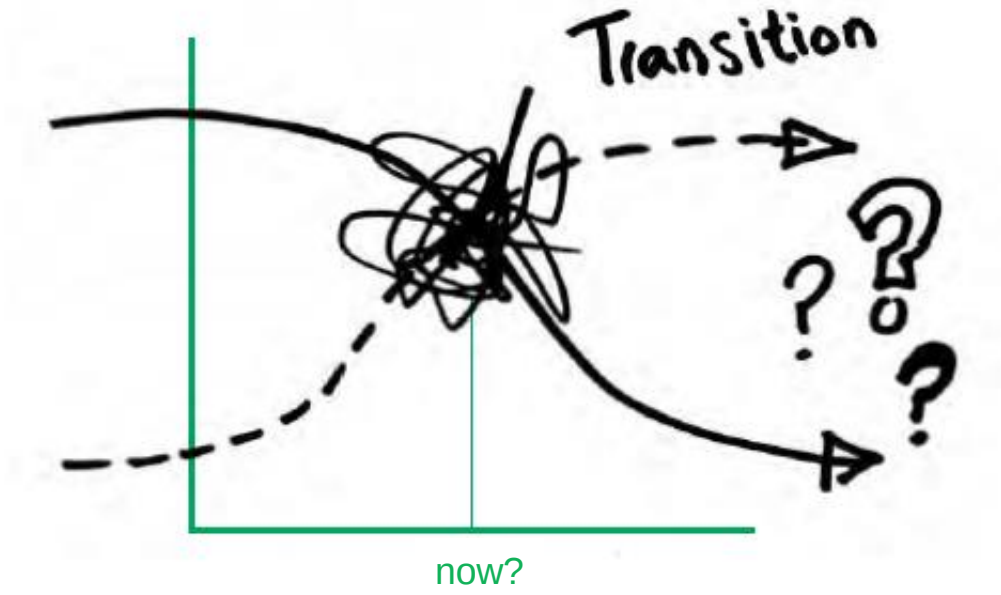


TRANSITION CHALLENGES: #NextCity

Trend or transition: different approach!

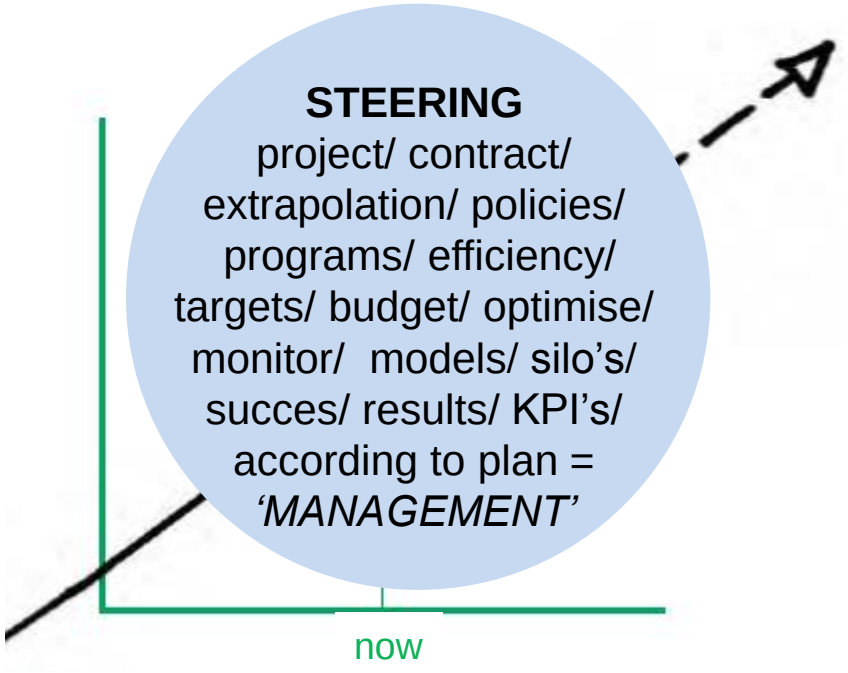


REGULAR POLICY MAKING

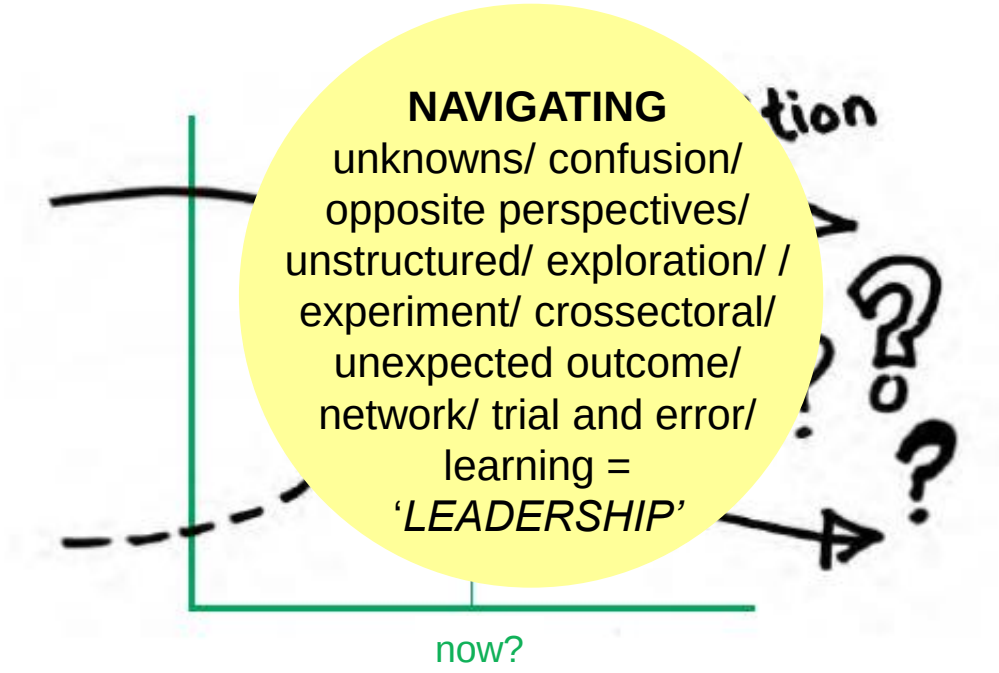


TRANSITION CHALLENGES: #NextCity

Trend or transition: different approach!



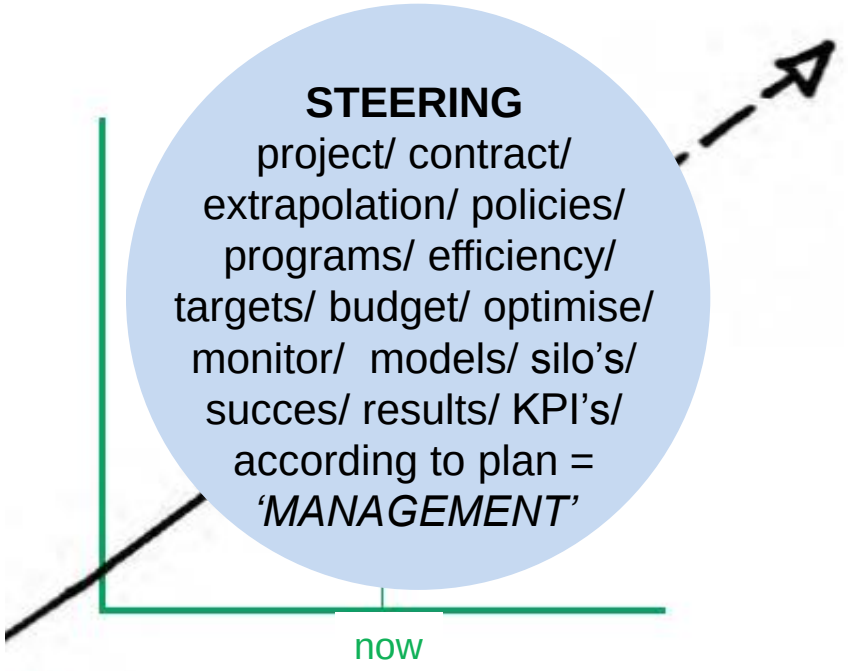
REGULAR POLICY MAKING



TRANSITION CHALLENGES: #NextCity

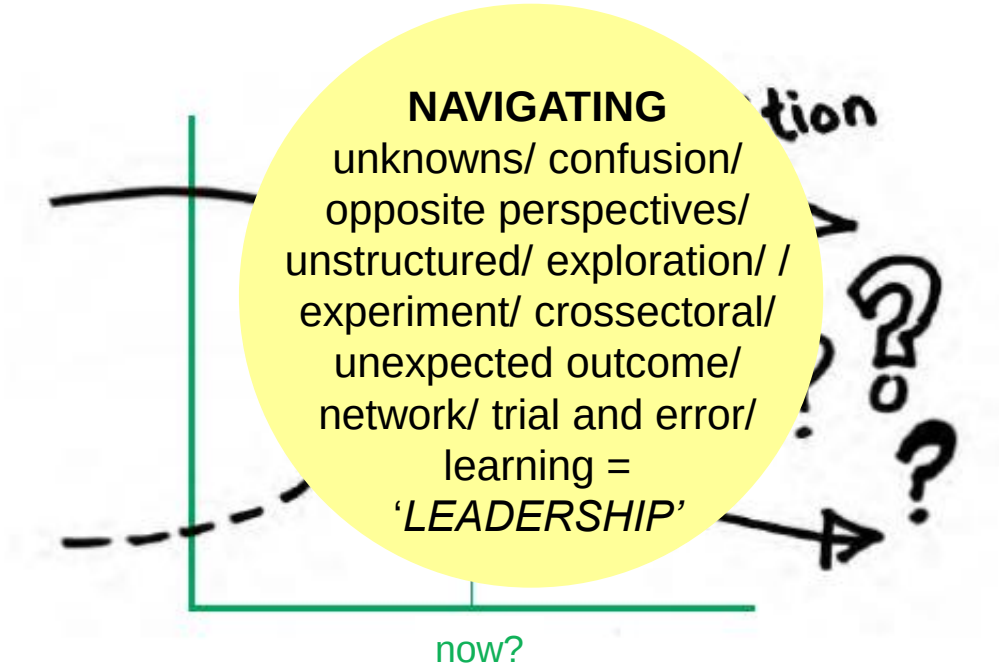
Trend or transition: different approach!

the blue line:
'BETTER'



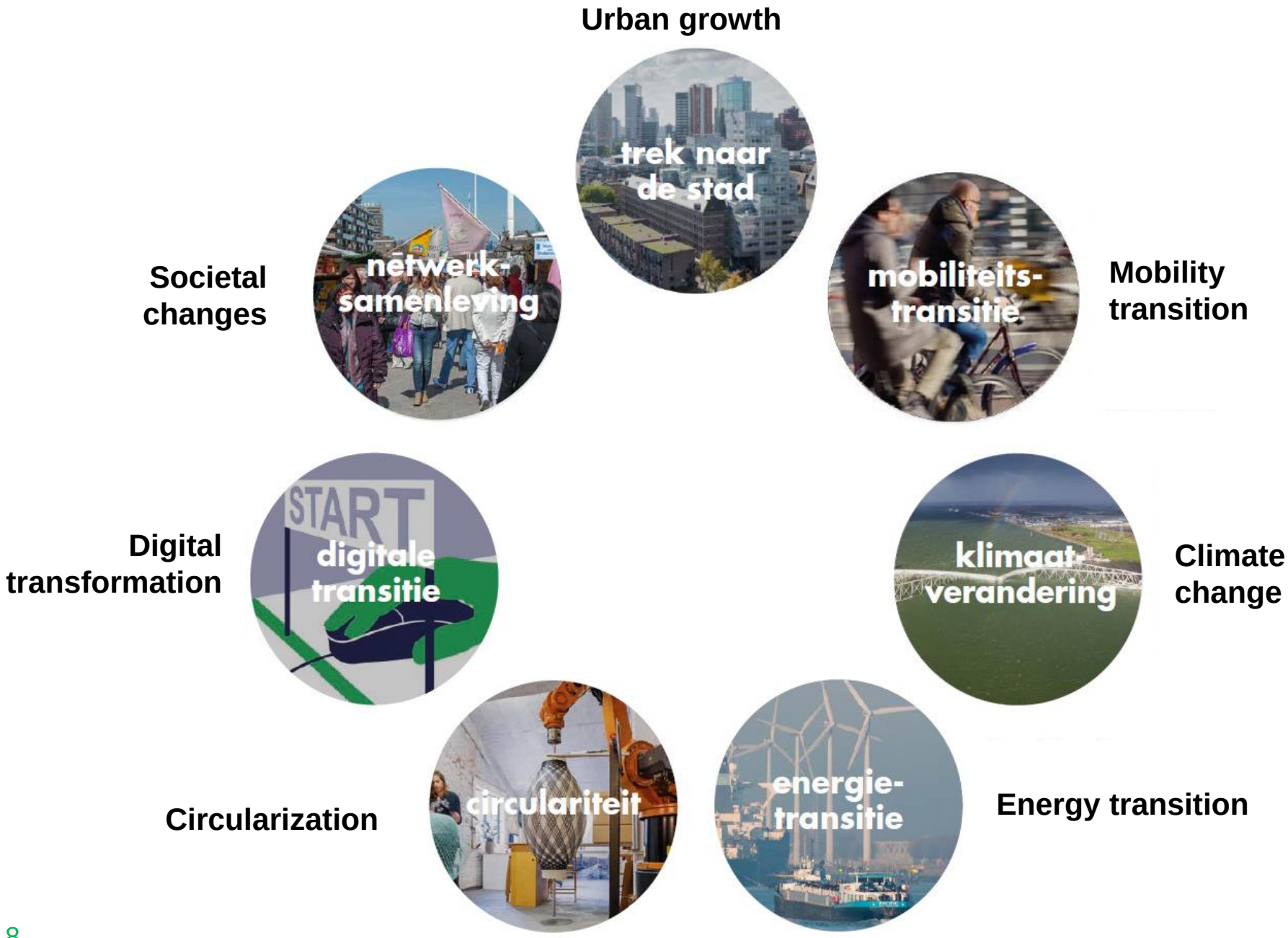
REGULAR POLICY MAKING

the yellow line:
'DIFFERENT'



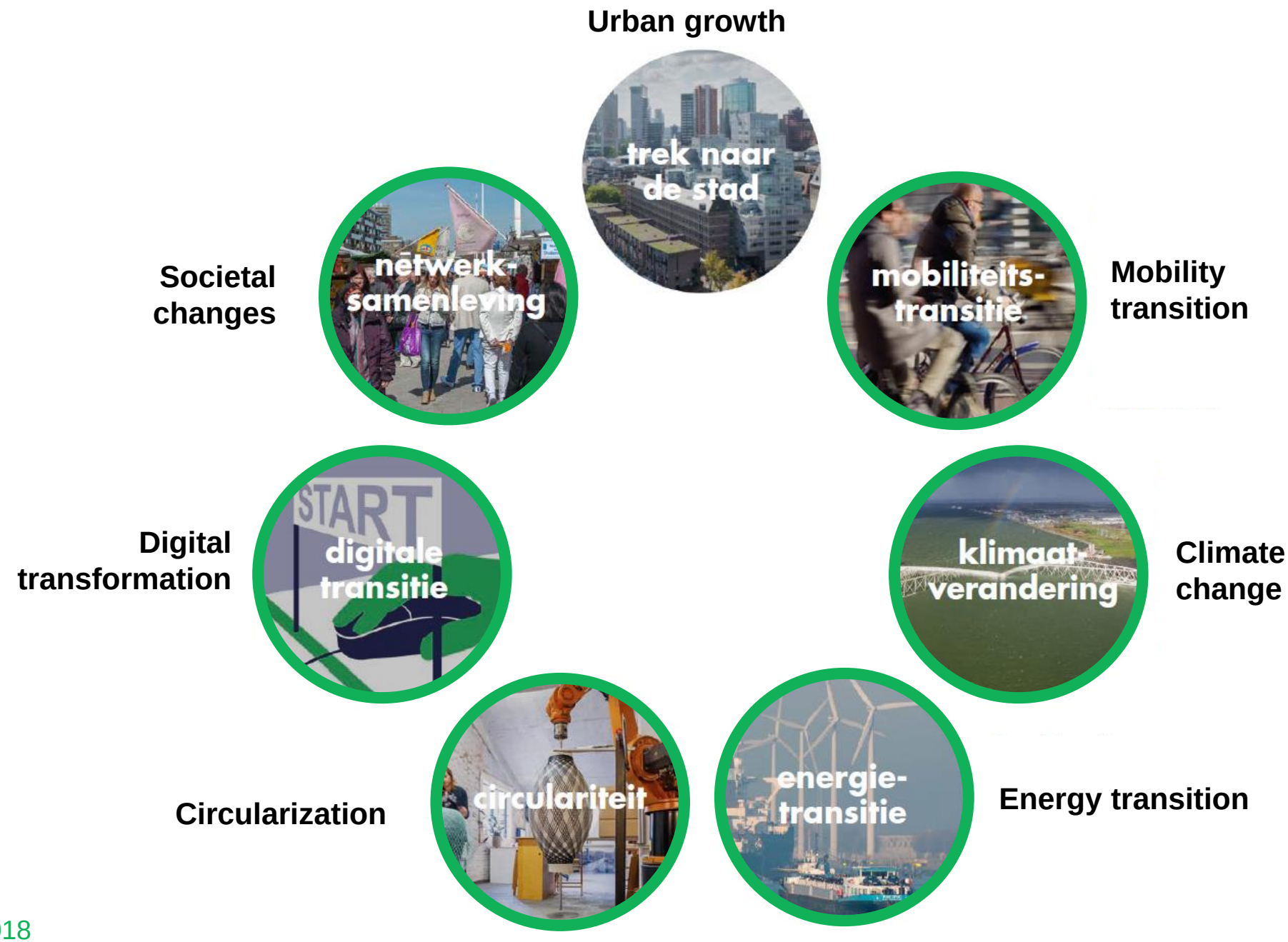
TRANSITION CHALLENGES: #NextCity

Rotterdam is changing



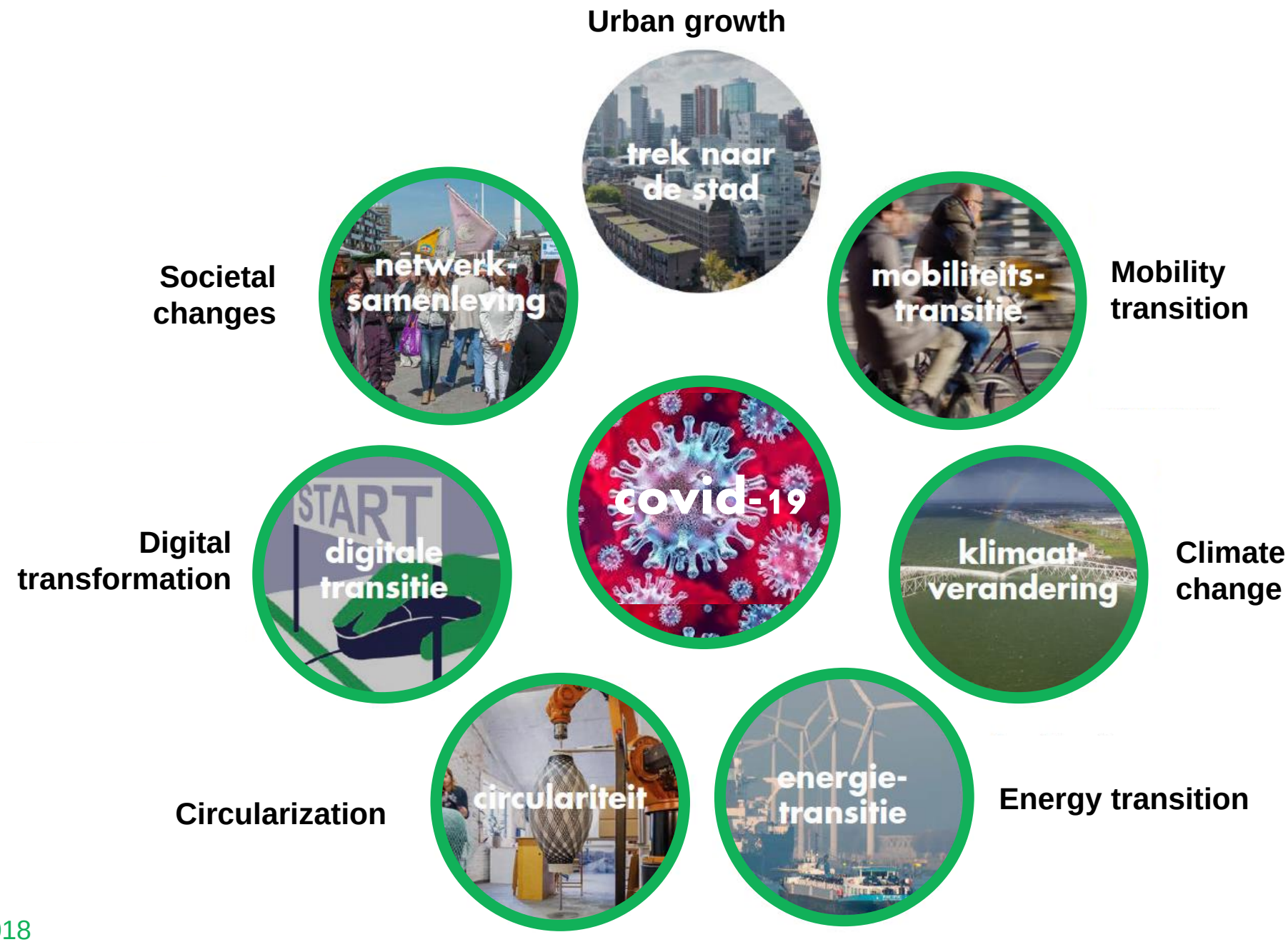
Positionpaper Stadsontwikkeling, 2018

Rotterdam is changing



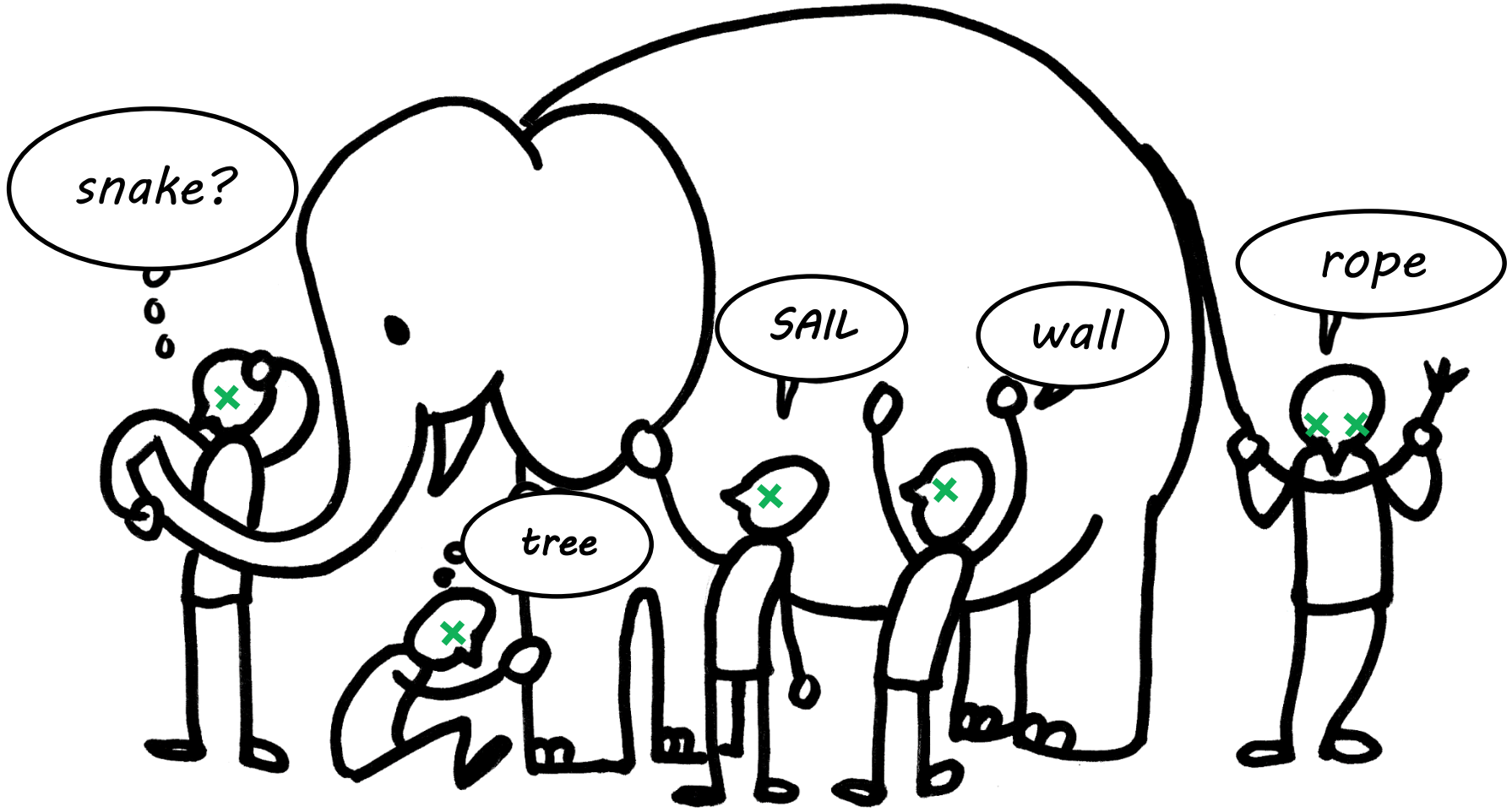
Positionpaper Stadsontwikkeling, 2018

Rotterdam is changing

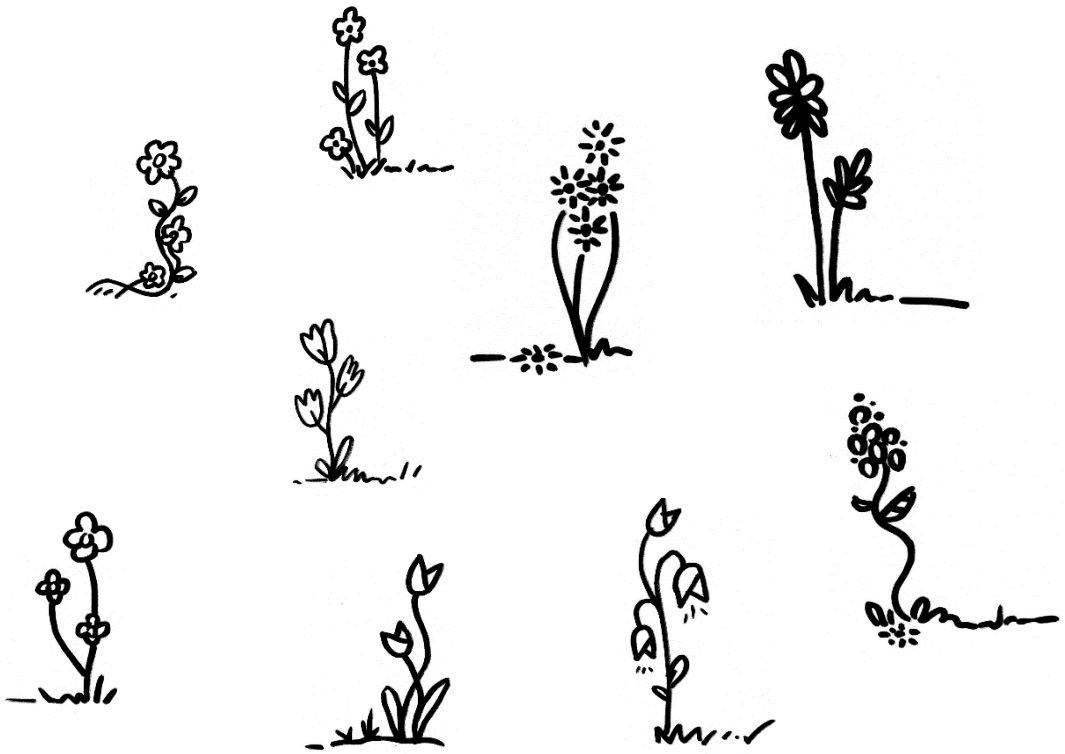


Positionpaper Stadsontwikkeling, 2018

Transitions are…an elephant?

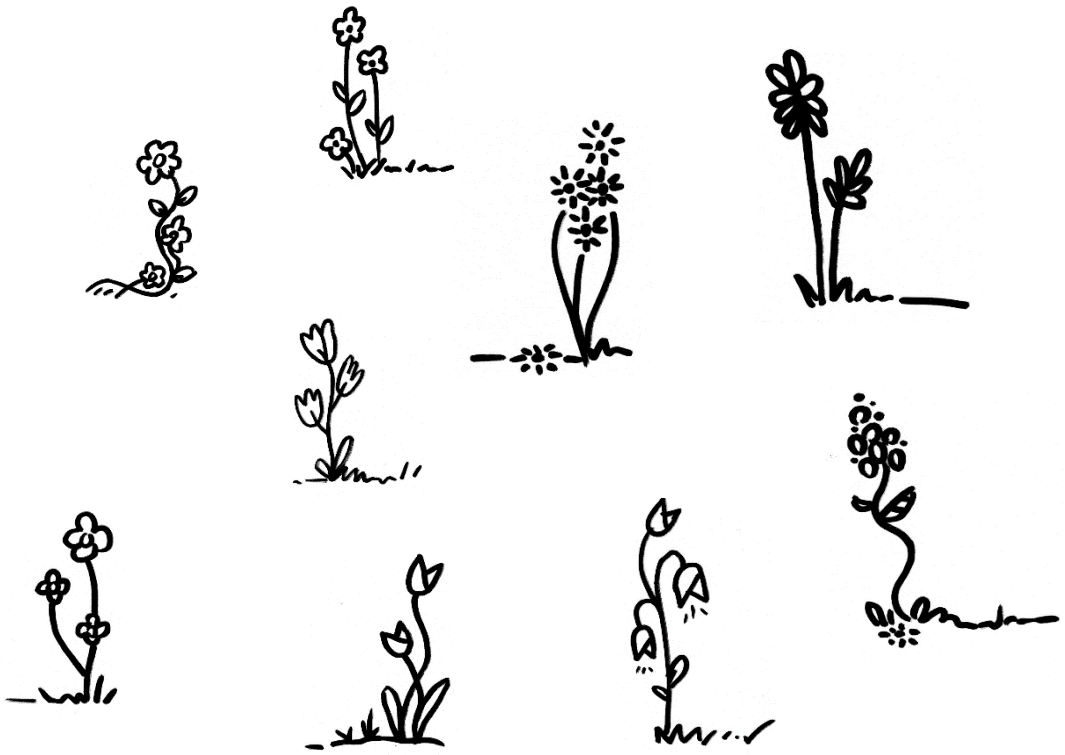


1000-flower-experimenting



- Slow, costly, little impact

1000-flower-experimenting

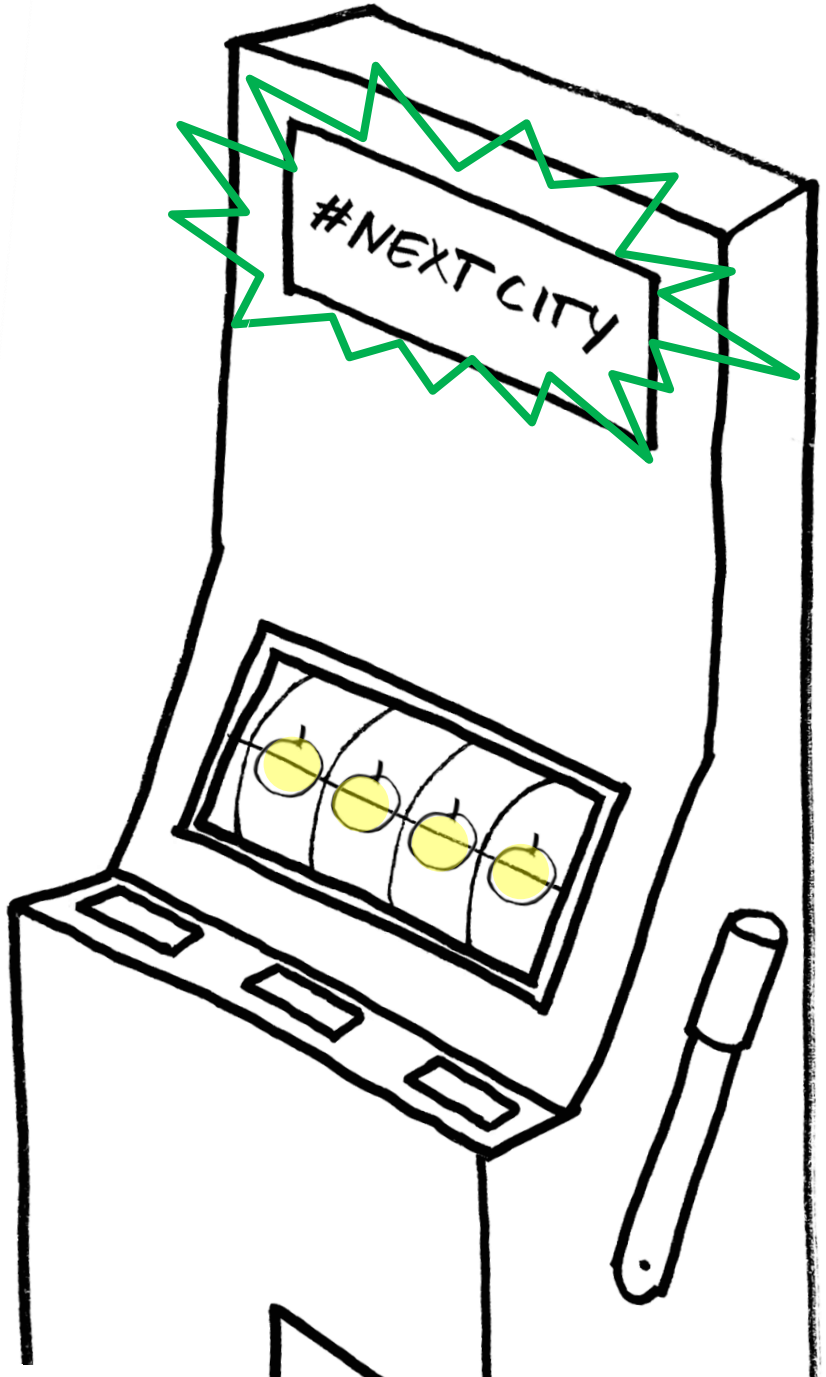


- Slow, costly, little impact

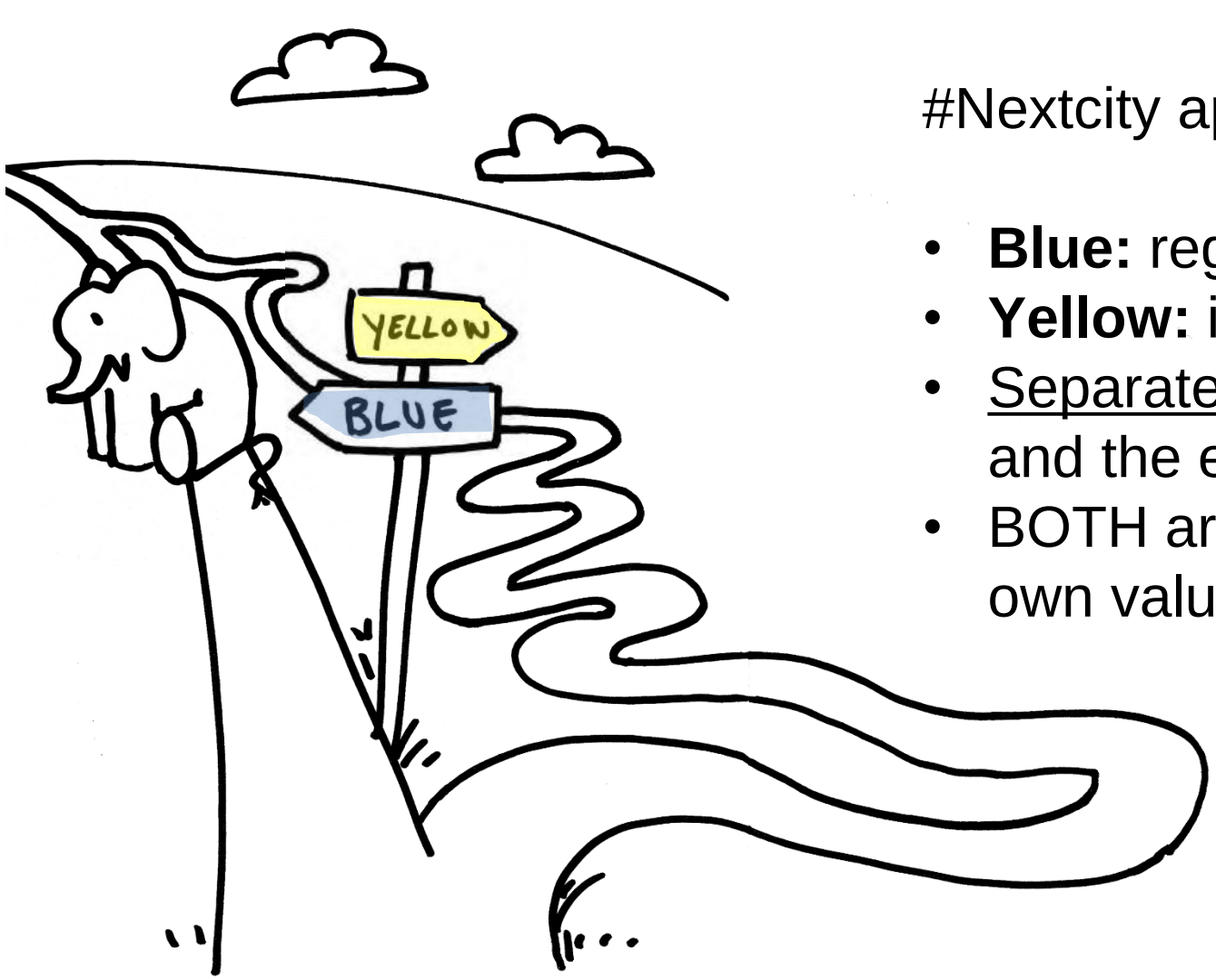
…or structural learning?

‘The future belongs to those who learn fastest’

#Nextcity: a learning-approach on HOW to deal with transition challenges



From undertow to mainstream



#Nextcity approach on transitions:

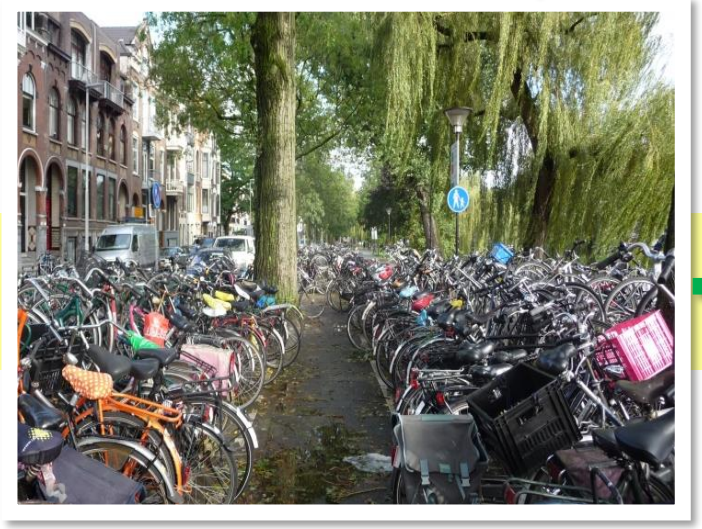
- **Blue:** regular policy and planning process
- **Yellow:** innovation trail (not a department!)
- Separate, but interconnected at the start and the end
- BOTH are most necessary and have their own value

Ambition: more biking

start

experiment

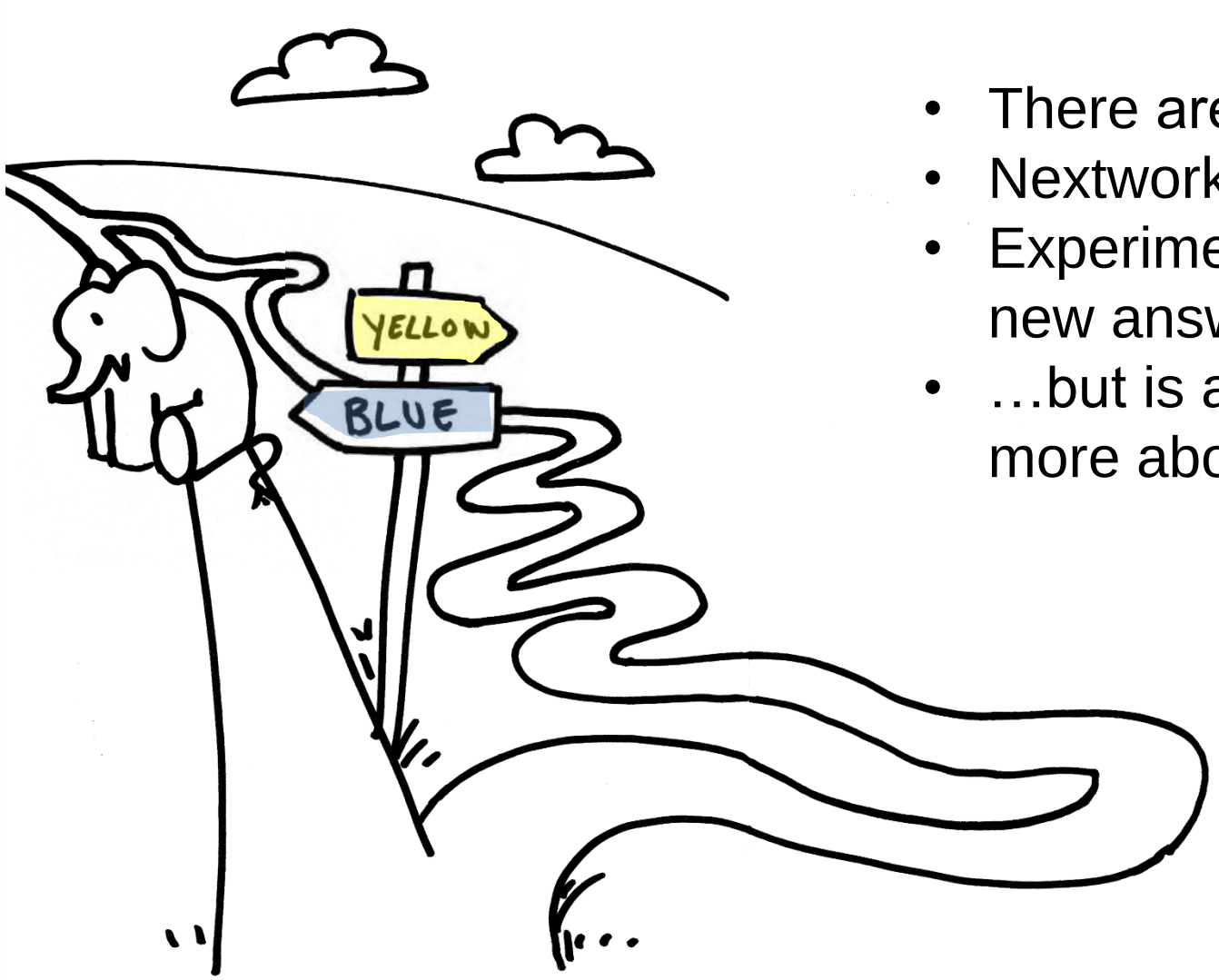
change



What did we learn so far?

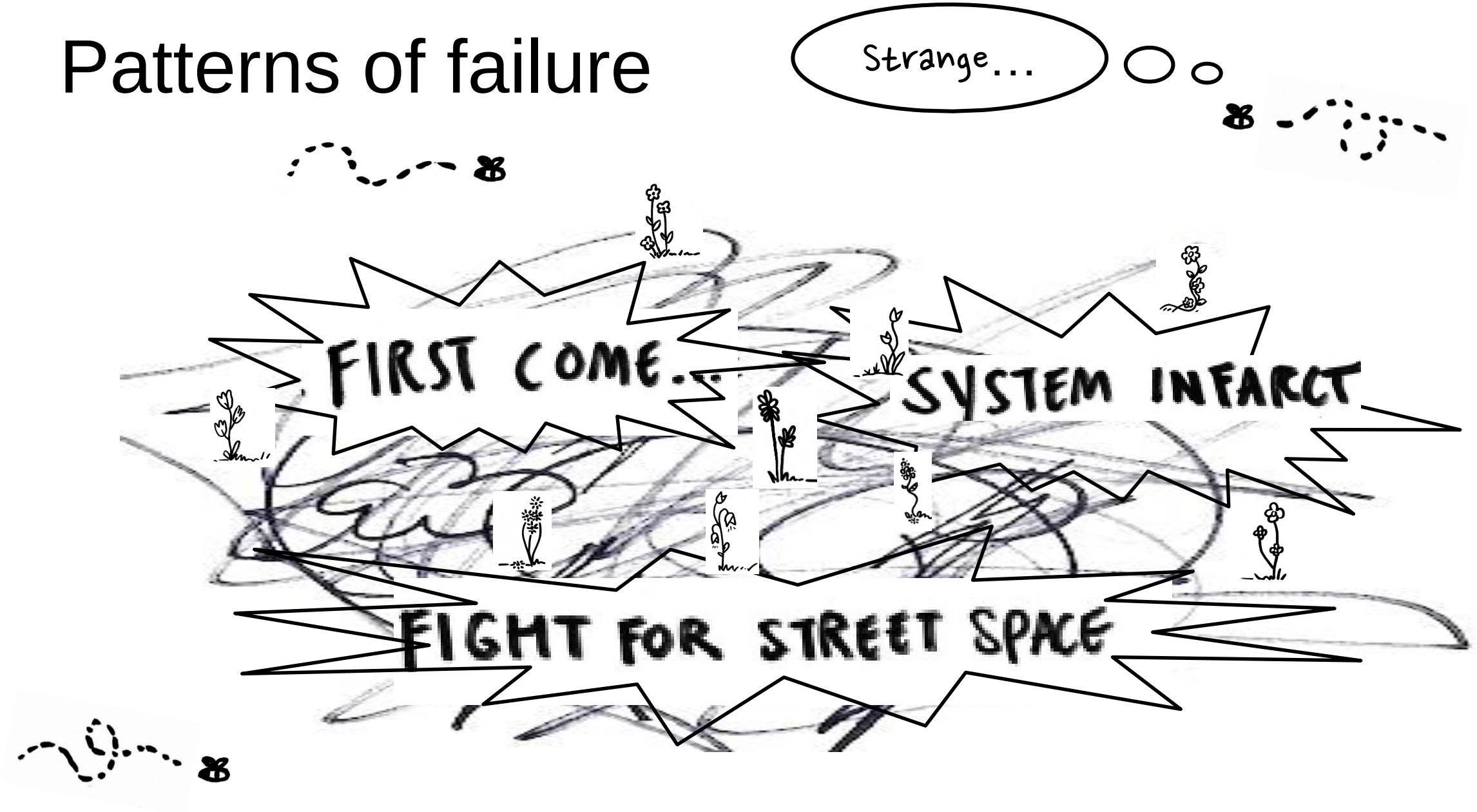
See Lunchbox sessions!

What did we learn so far?



- There are no ‘silver bullets’…
- Nextworking = Networking, collaboration
- Experimenting is a promising way to find new answers…
- …but is an even better way to learn more about the questions

Patterns of failure



3 universal challenges

in the spatial domain

distribution challenges

OR

OR

?

"The right use of space in time and place"

distribution challenges

- Policy makers, politicians
- Changing viewpoints; negotiating between interests
- private or public issue?

distribution challenges

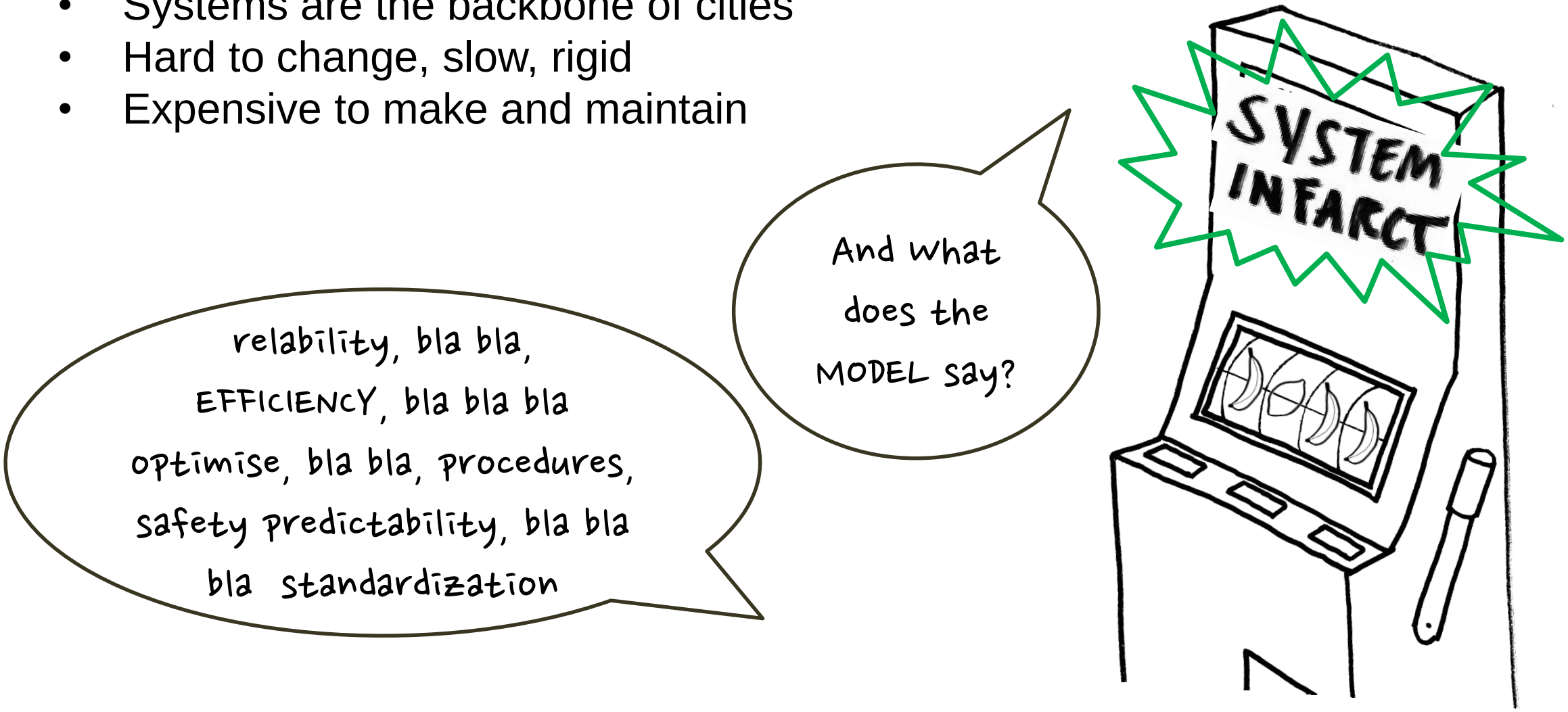
Energy

system challenges

"keep systems running, manage peaks"

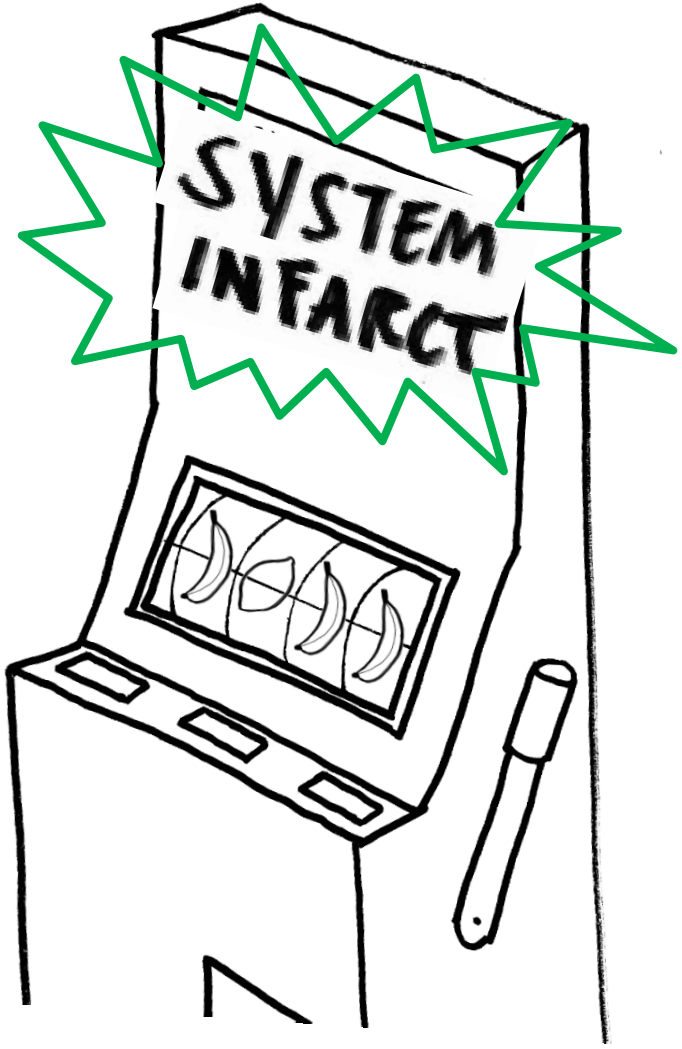
system challenges

- Engineers, technicians
- Systems are the backbone of cities
- Hard to change, slow, rigid
- Expensive to make and maintain

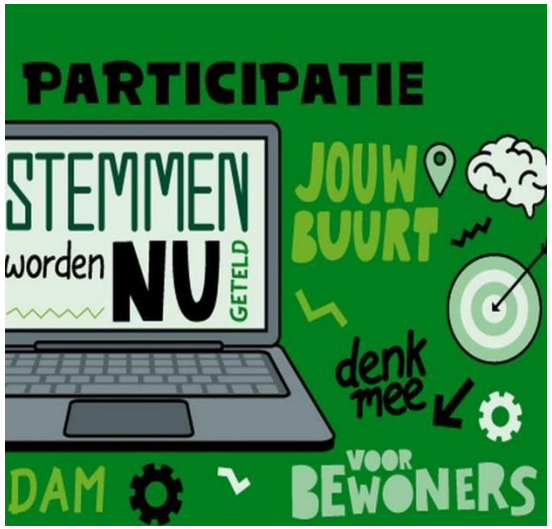


system challenges

Mobility



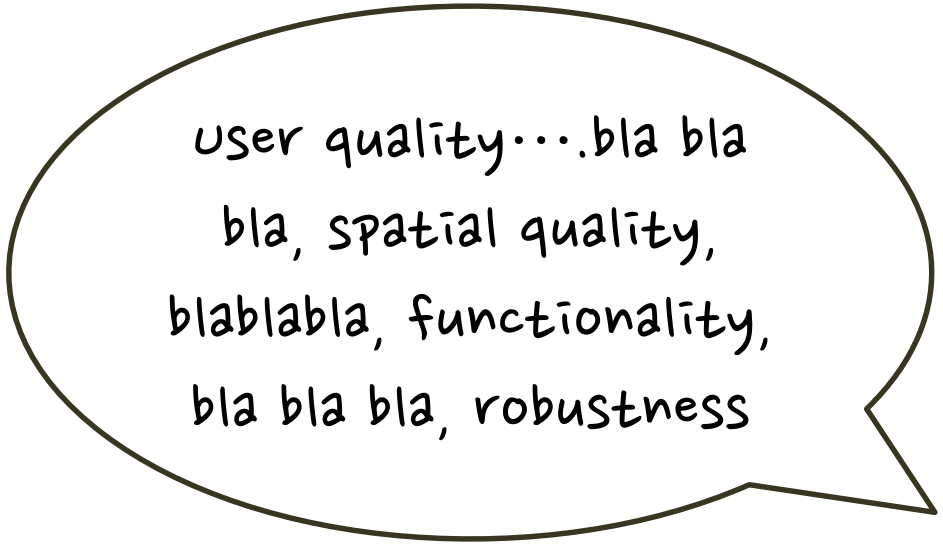
integration challenges



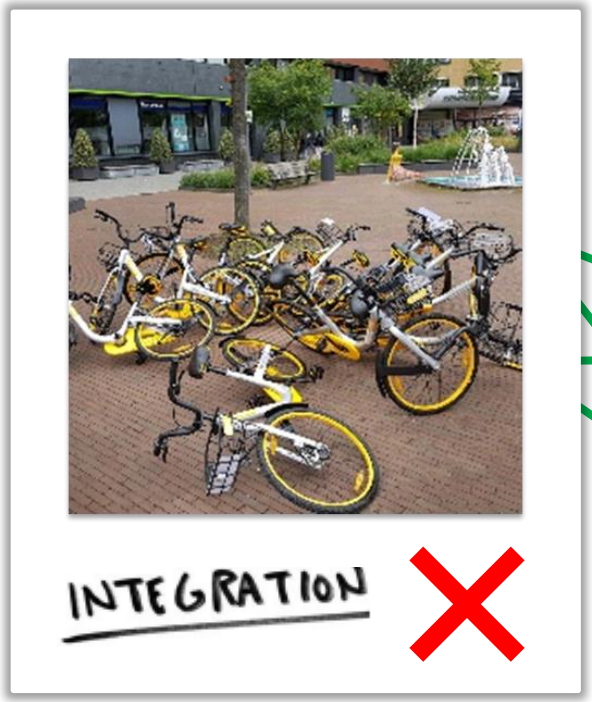
"make it all fit in the available space"

integration challenges

- Designers, architects, developers
- Most space-claims of transitions finally end up here
- Little space…



integration challenges



integration challenges

INTEGRATION ✗

INTEGRATION ✗

integration challenges

INTEGRATION ✗

INTEGRATION ✗

integration challenges

INTEGRATION ✗

INTEGRATION ✗

INTEGRATION ✗

integration challenges

integration challenges

INTEGRA

INTEGRATION

INTEGRATION

INTEGRATION

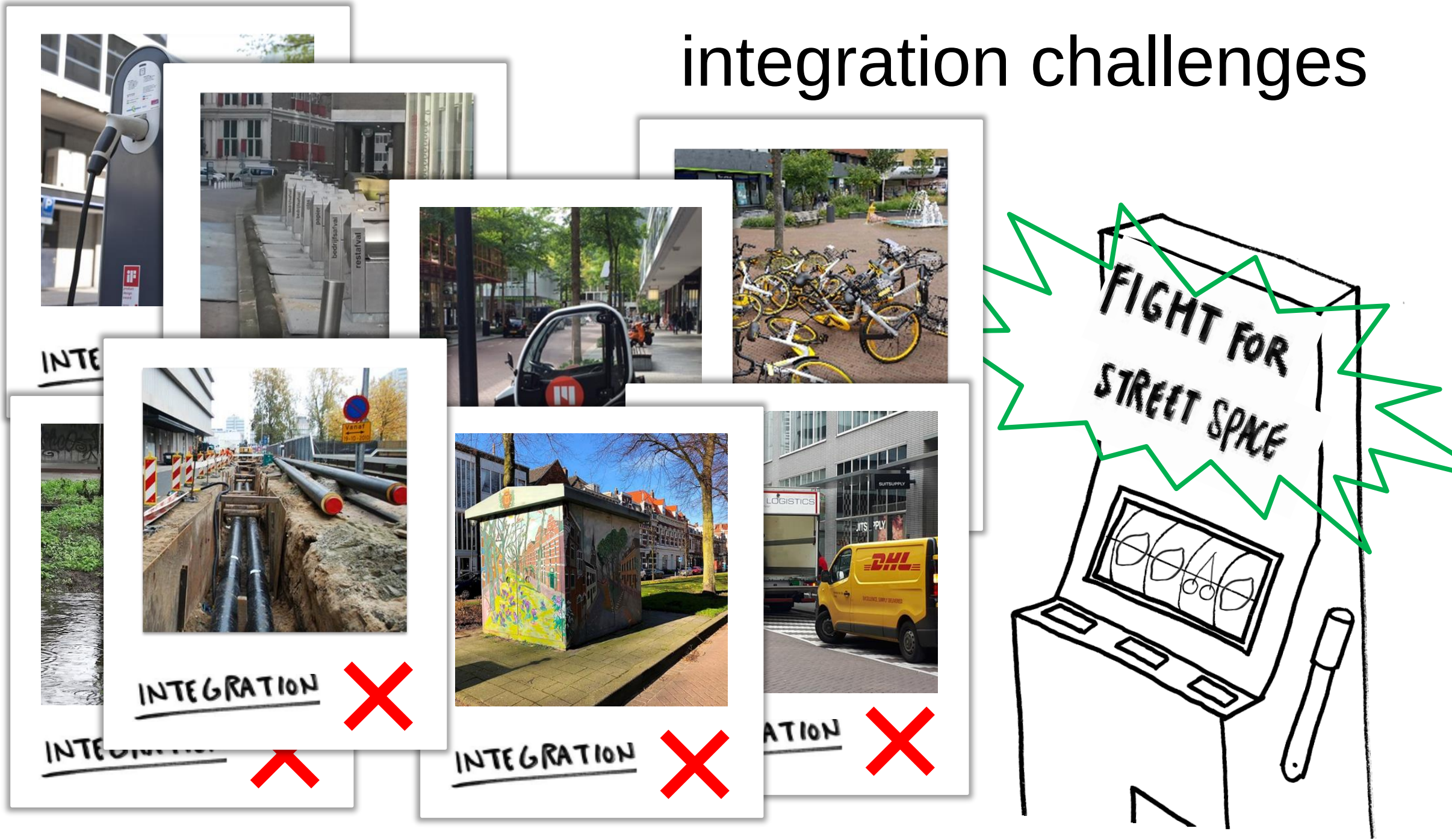
integration challenges

INTEGRATION

INTEGRATION

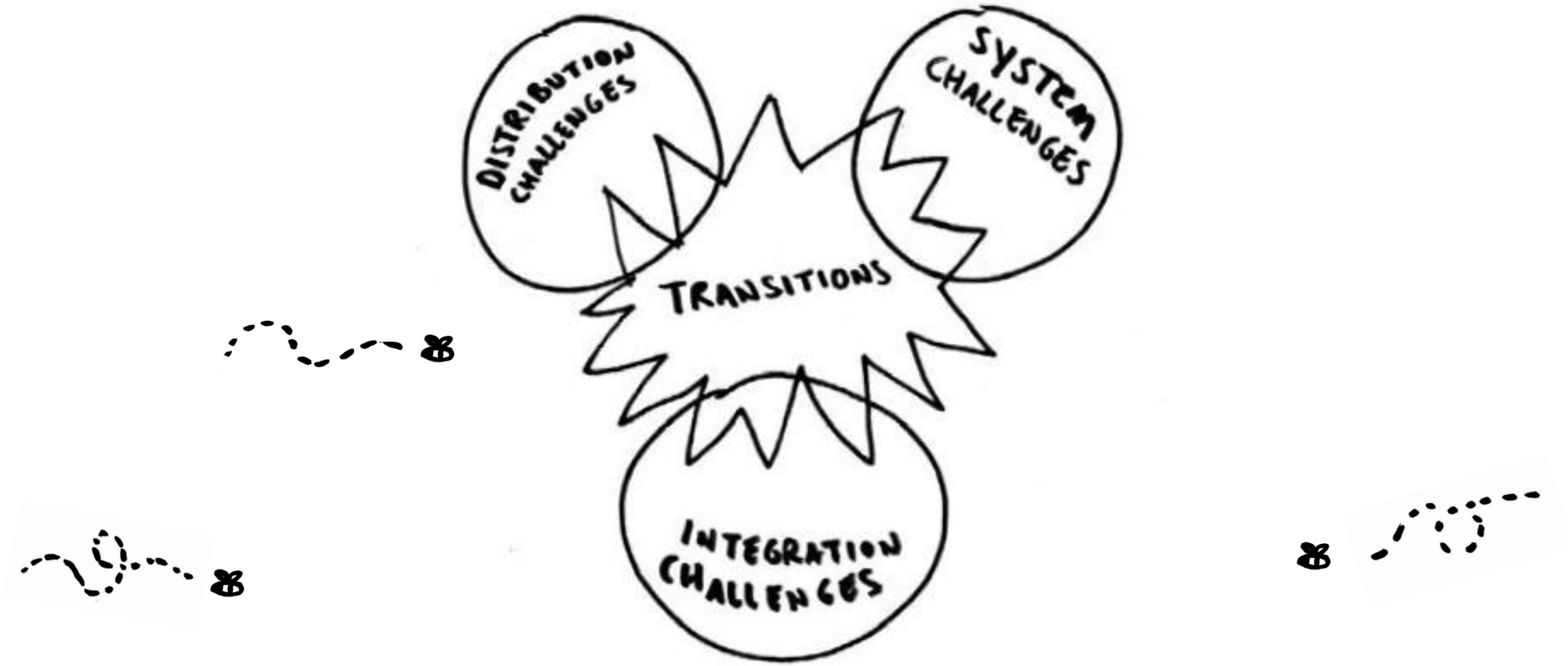
ATION

integration challenges

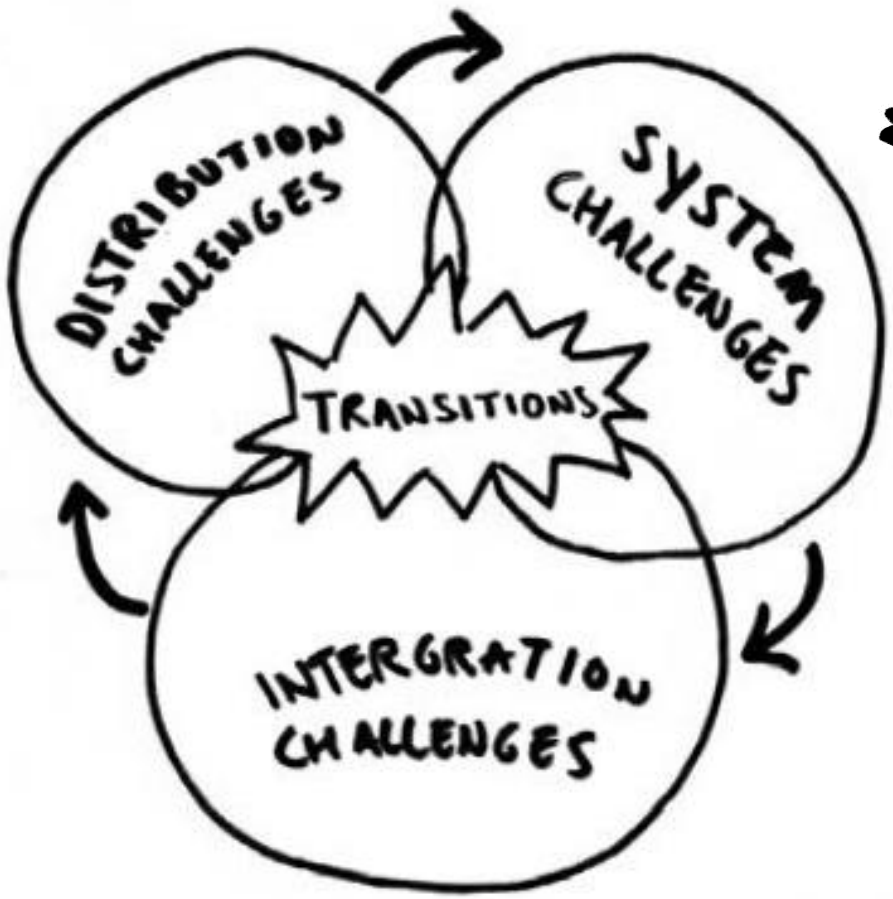


integration challenges

Transitions affect these challenges…



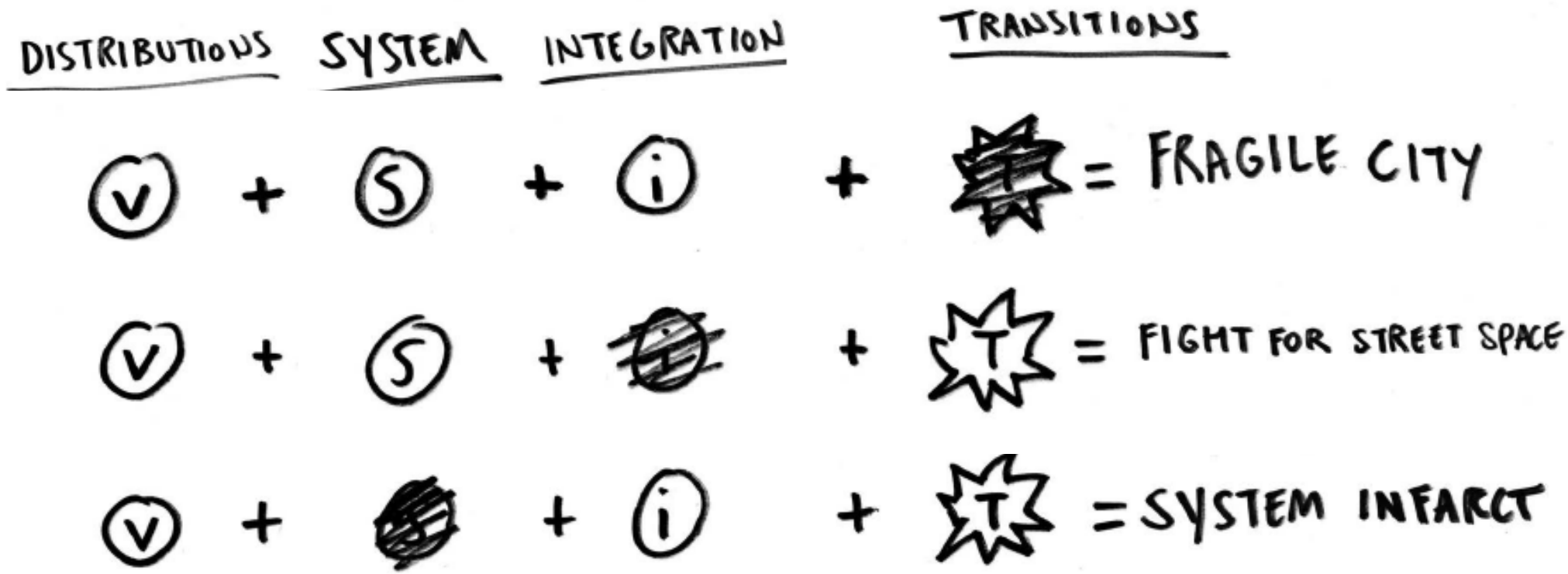
…and these challenges affect each other



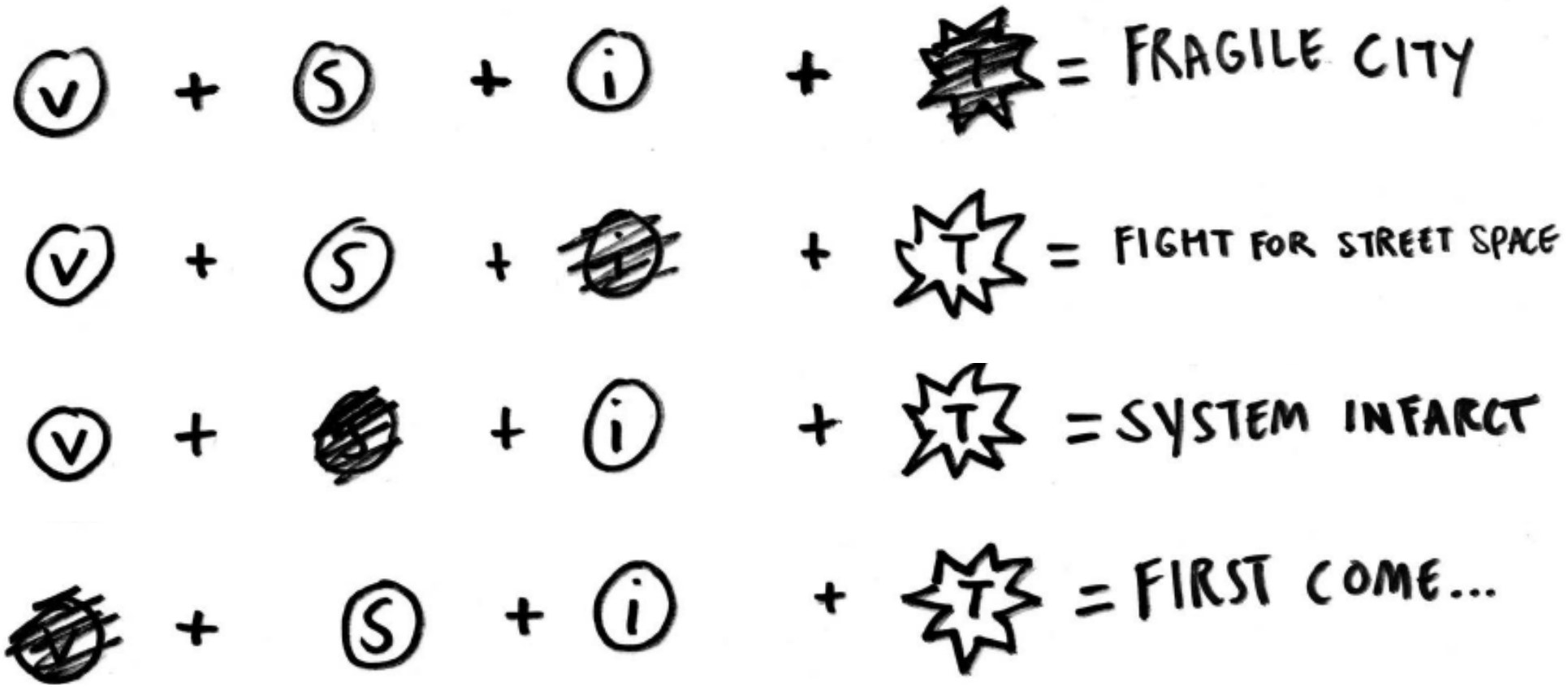
DISTRIBUTIONS SYSTEM INTEGRATION TRANSITIONS

DISTRIBUTIONS SYSTEM INTEGRATION TRANSITIONS

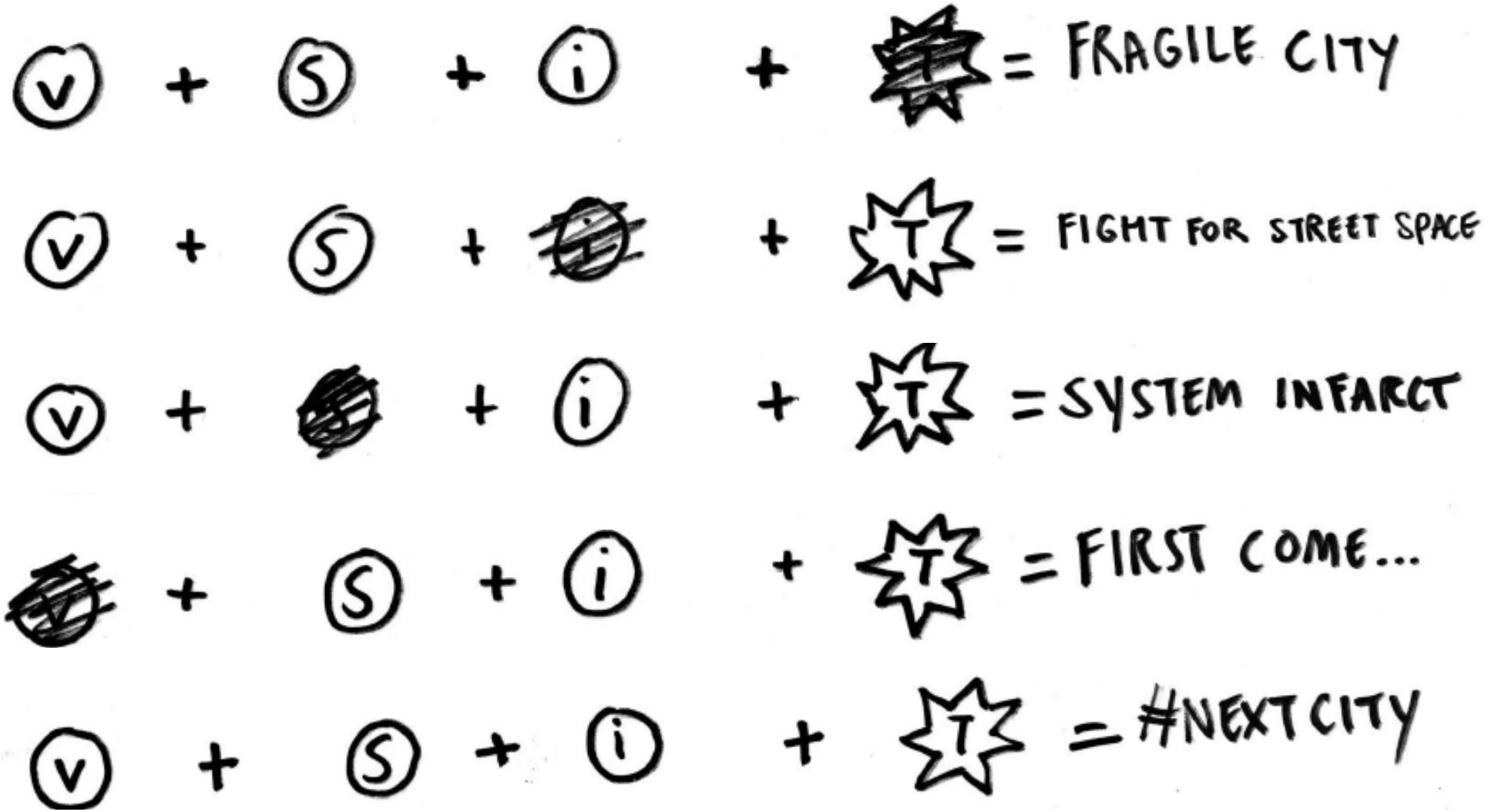
DISTRIBUTIONS SYSTEM INTEGRATION TRANSITIONS


DISTRIBUTIONS
SYSTEM
INTEGRATION
TRANSITIONS
V + S + i + = FRAGILE CITY
V + S + i + T = FIGHT FOR STREET SPACE
V + + i + T = SYSTEM INFARCT

DISTRIBUTIONS SYSTEM INTEGRATION TRANSITIONS



DISTRIBUTIONS SYSTEM INTEGRATION TRANSITIONS



DISTRIBUTION ✓

SYSTEM ✓

INTEGRATION ✗

TRANSITIONS ✓

Energy

FIGHT FOR STREET SPACE

DISTRIBUTION ✓

SYSTEM ✗

INTEGRATION ✓

TRANSITIONS ✓

Energy

= SYSTEM INFARCT

DISTRIBUTION ✗

SYSTEM ✓

INTEGRATION ✓

TRANSITIONS ✓

Energy

= FIRST COME...

How can the #nextcity-lens help?

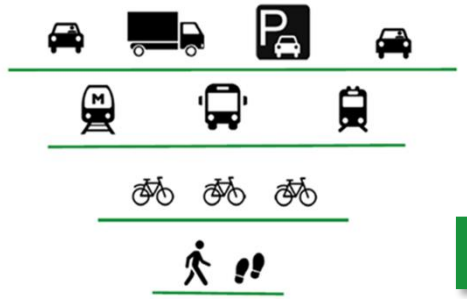
- Reframing the question
- Identifying blind spots, new issues
- Enlarging the range of solutions
- Learning faster: putting the right issue on the right table
- offering language to articulate all of the above

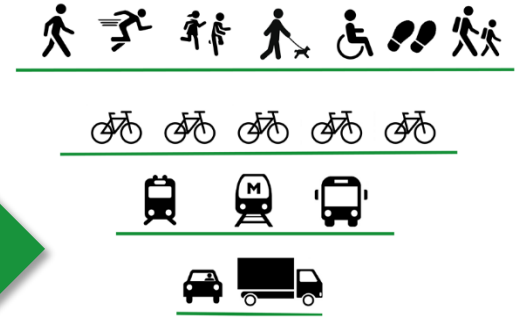
climate adaptation

DISTRIBUTIONS SYSTEM INTEGRATION TRANSITIONS

Ⓥ + Ⓢ + ⓘ + ☆T = #NEXTCITY

Mobility

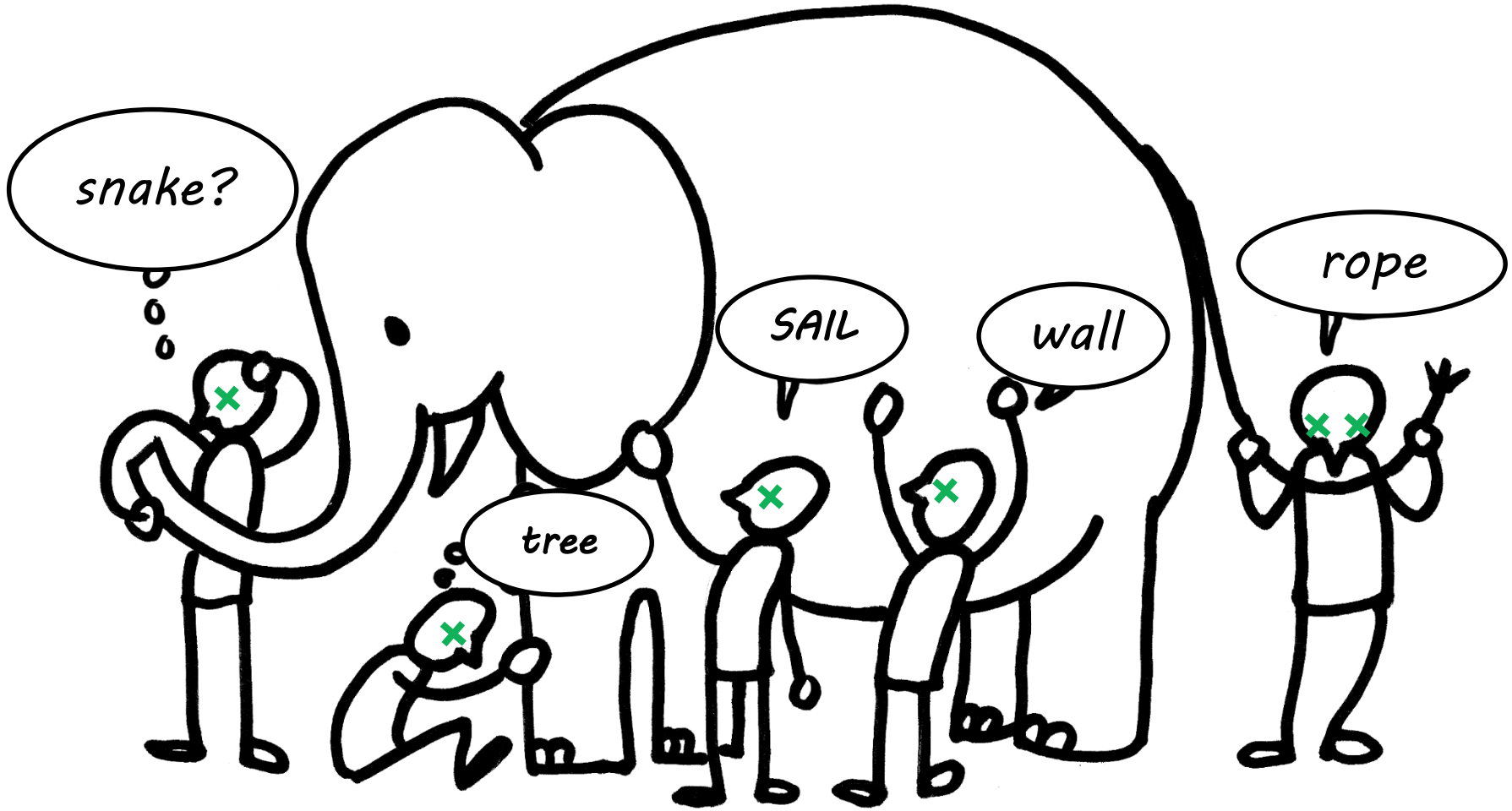


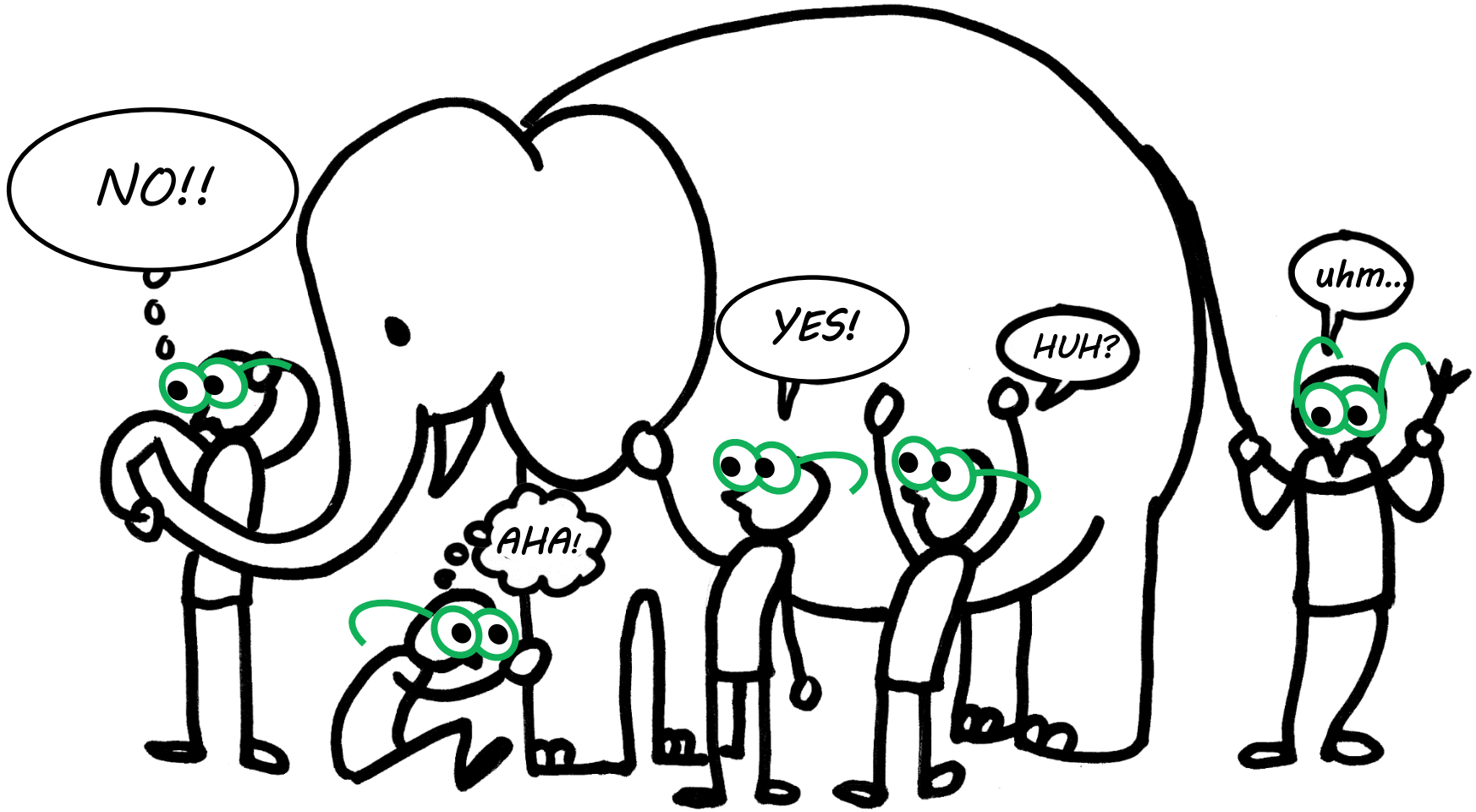


DISTRIBUTIONS SYSTEM INTEGRATION TRANSITIONS

Ⓥ + Ⓢ + ⓘ + ☆ = #NEXTCITY

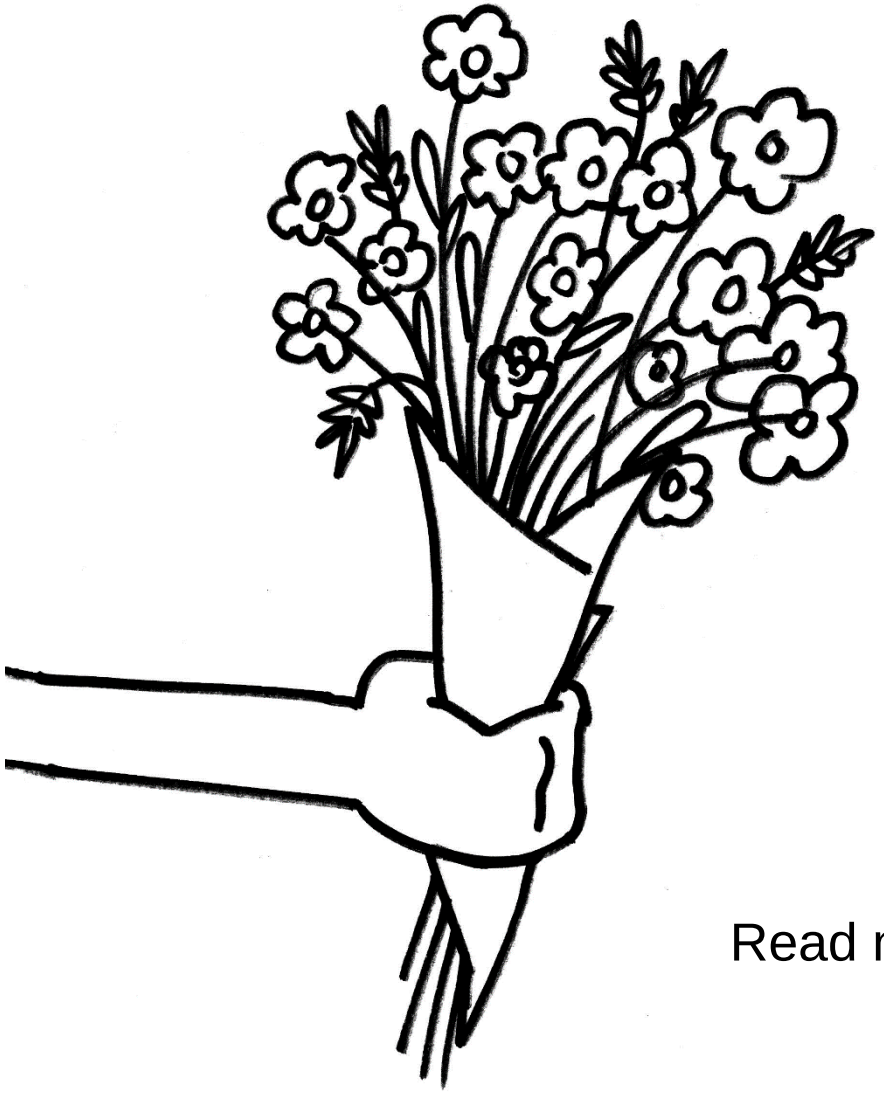
Know more?
Session 2A!

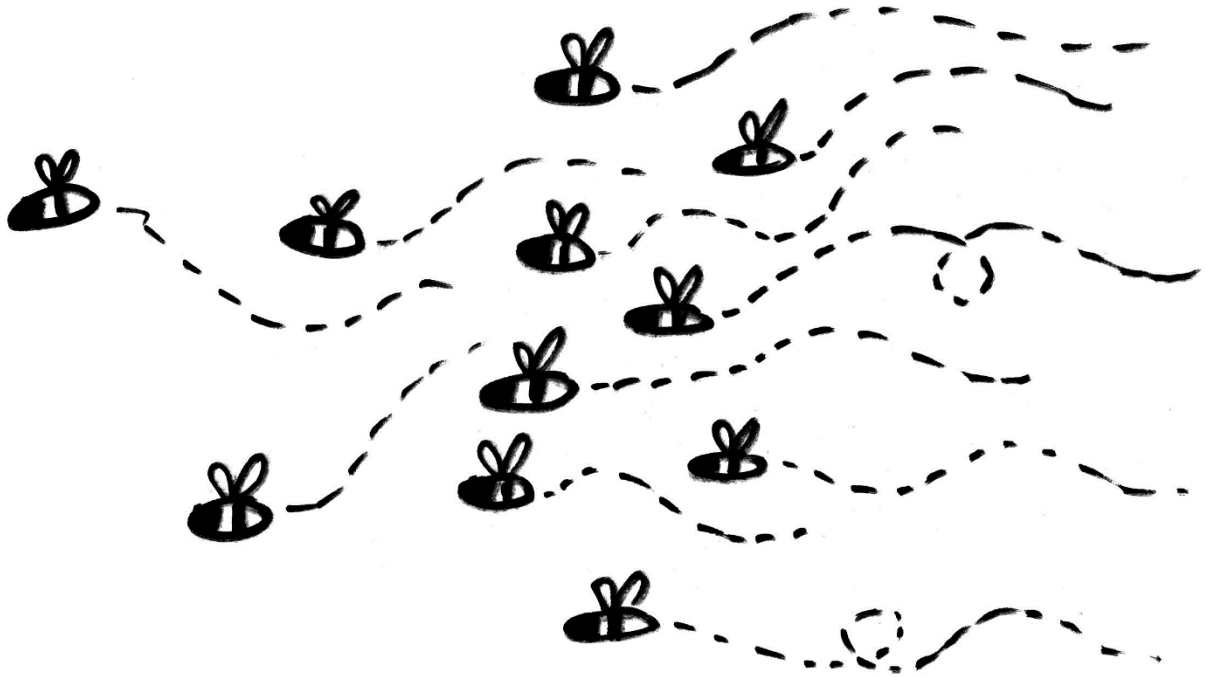

snake?
tree
SAIL
wall
rope


NO!!
AHA!
YES!
HUH?
uhm...

Thank you!

URBANISM NEXT EUROPE
2021





Read more? free download: www.rotterdam.nl/#nextcity (dutch)
(english version on demand)