

- Logistics and supply chain management
- Innovation network
- Research & Development
- Knowledge sharing
- Demonstration & discovery
- New business opportunities
- THE hotspot for supply chain professionals

## DINALOG DRIVEN BY OPEN INNOVATION



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**Masterclass I&W**  
**19 maart 2018**



**TKI DINALOG**  
Dutch Institute for Advanced Logistics

[www.dinalog.nl](http://www.dinalog.nl)



## Agenda

- **General Introduction Topsector Logistics**
- **Context for a logistics innovation program**
- **Innovations for logistics**



# General introduction topsector Logistics



## Ambition Topsector of Logistics

In 2020, the Netherlands will hold an international top position:

1. In the handling of transport flows;

**Theme 1:  
The Netherlands as one  
connected logistics system**

2. As supply chain coordinator of international logistics activities;

**Theme 2:  
Supply Chain Coordination**

3. As a country with an attractive innovation and business climate for supply chain activities

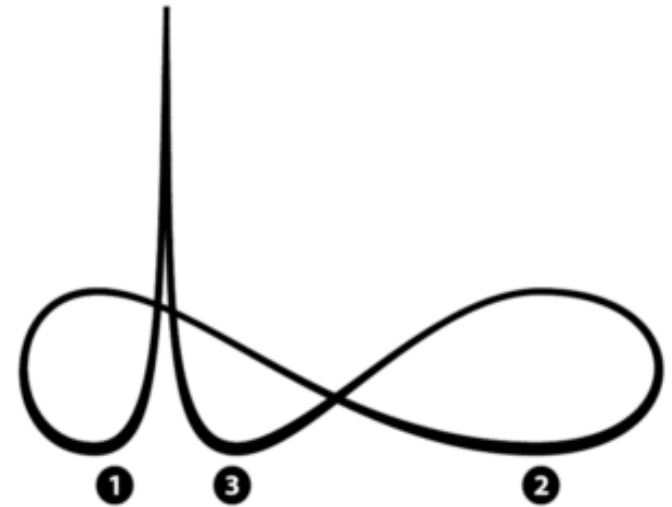
**Theme 3:  
Innovation and business  
climate**





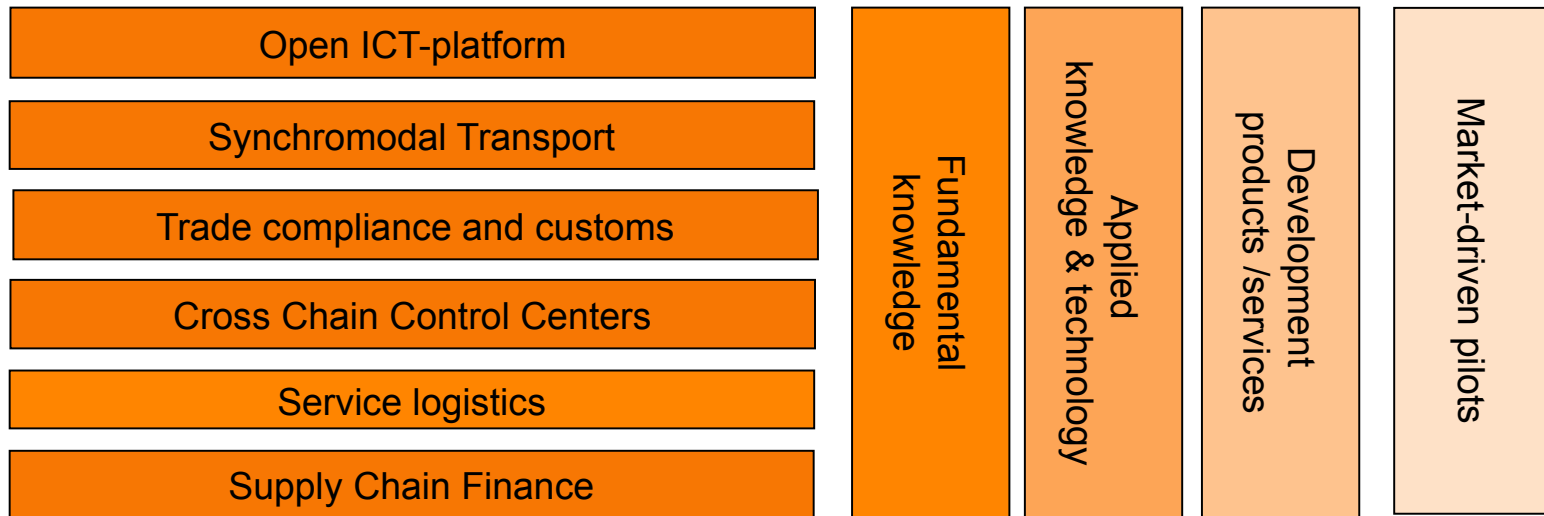
# Topsector Logistics Actions

1. Neutral Logistics Information Platform – Open ICT
2. Synchromodal transport
3. Trade Compliance and Border Management
4. Cross Chain Control Centers
5. Service Logistics
6. Supply Chain Finance
7. Urban Logistics
8. Sustainability
9. Core infrastructure network
10. Marketing abroad
11. Simplification of Law and Regulation
12. Human Capital Agenda



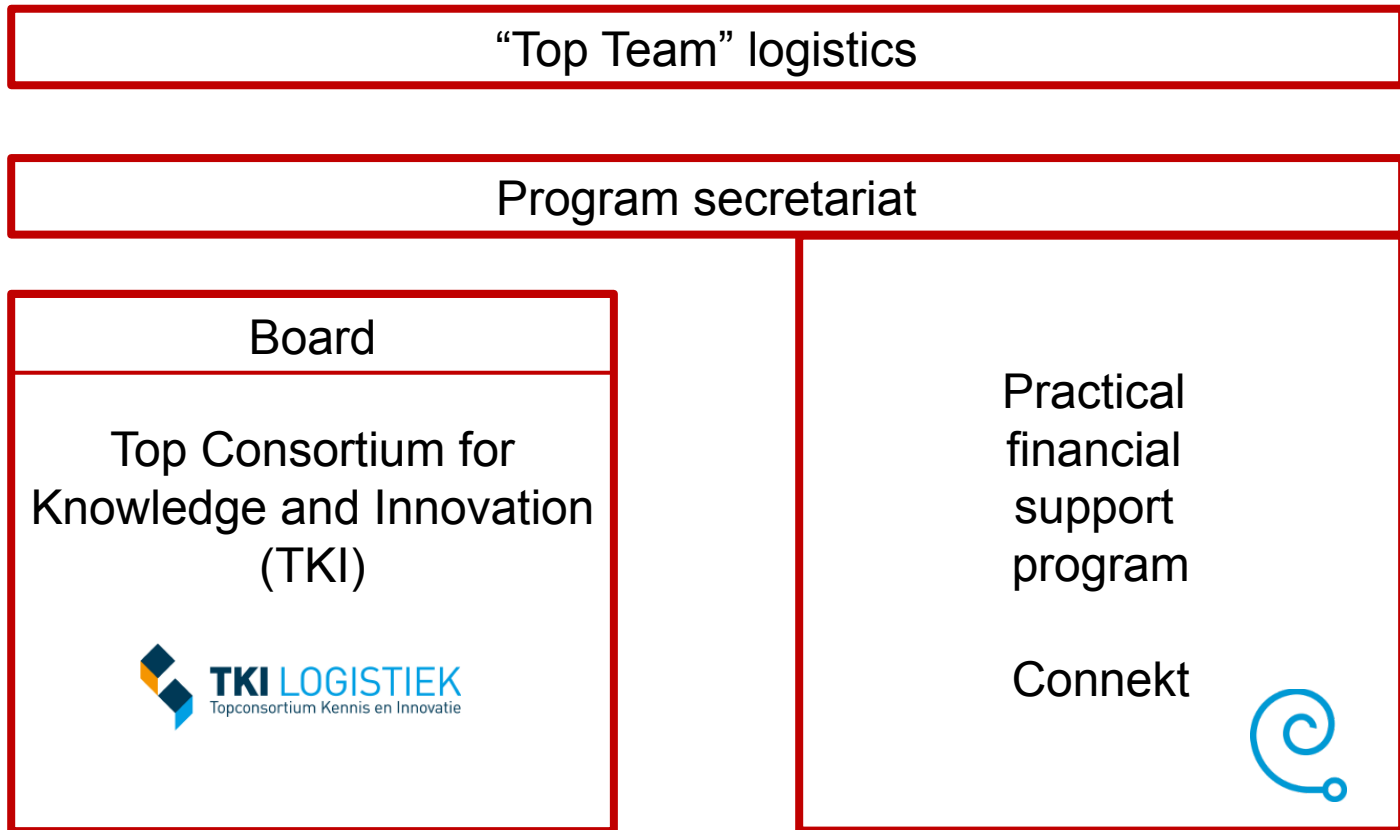


# Logistics Innovation Vision



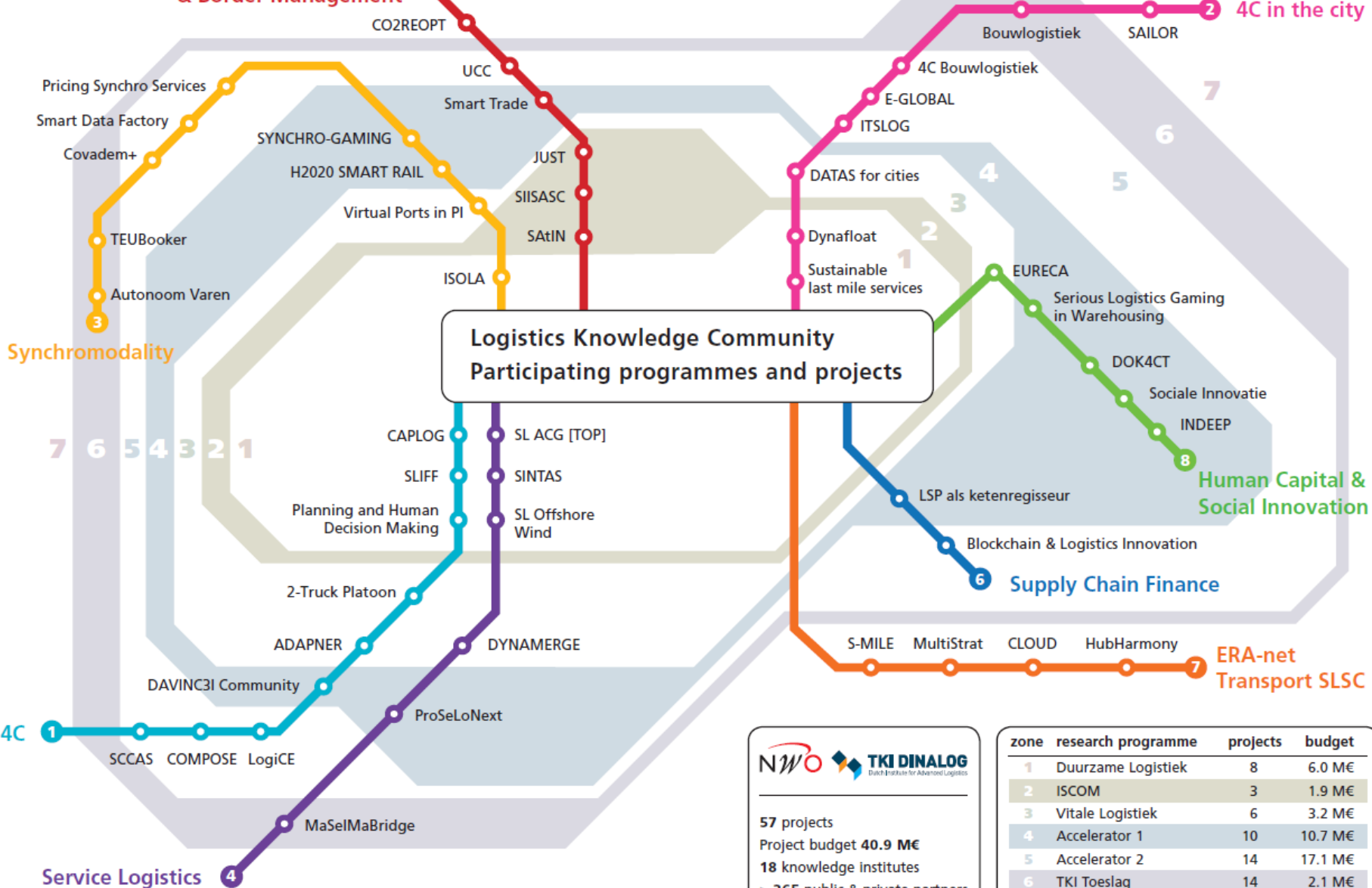


# Topsector Logistics Governance model



### Trade Compliance & Border Management

### 4C in the city



**Logistics Knowledge Community  
Participating programmes and projects**

**NWO** **TKI DINALOG**  
Dutch Institute for Advanced Logistics

57 projects  
Project budget 40.9 M€  
18 knowledge institutes  
> 265 public & private partners

zone	research programme	projects	budget
1	Duurzame Logistiek	8	6.0 M€
2	ISCOM	3	1.9 M€
3	Vitale Logistiek	6	3.2 M€
4	Accelerator 1	10	10.7 M€
5	Accelerator 2	14	17.1 M€
6	TKI Toeslag	14	2.1 M€
7	Era-net Transport SLSC	2	3.1 M€






# Innovations for logistics



# Innovations in a societal context



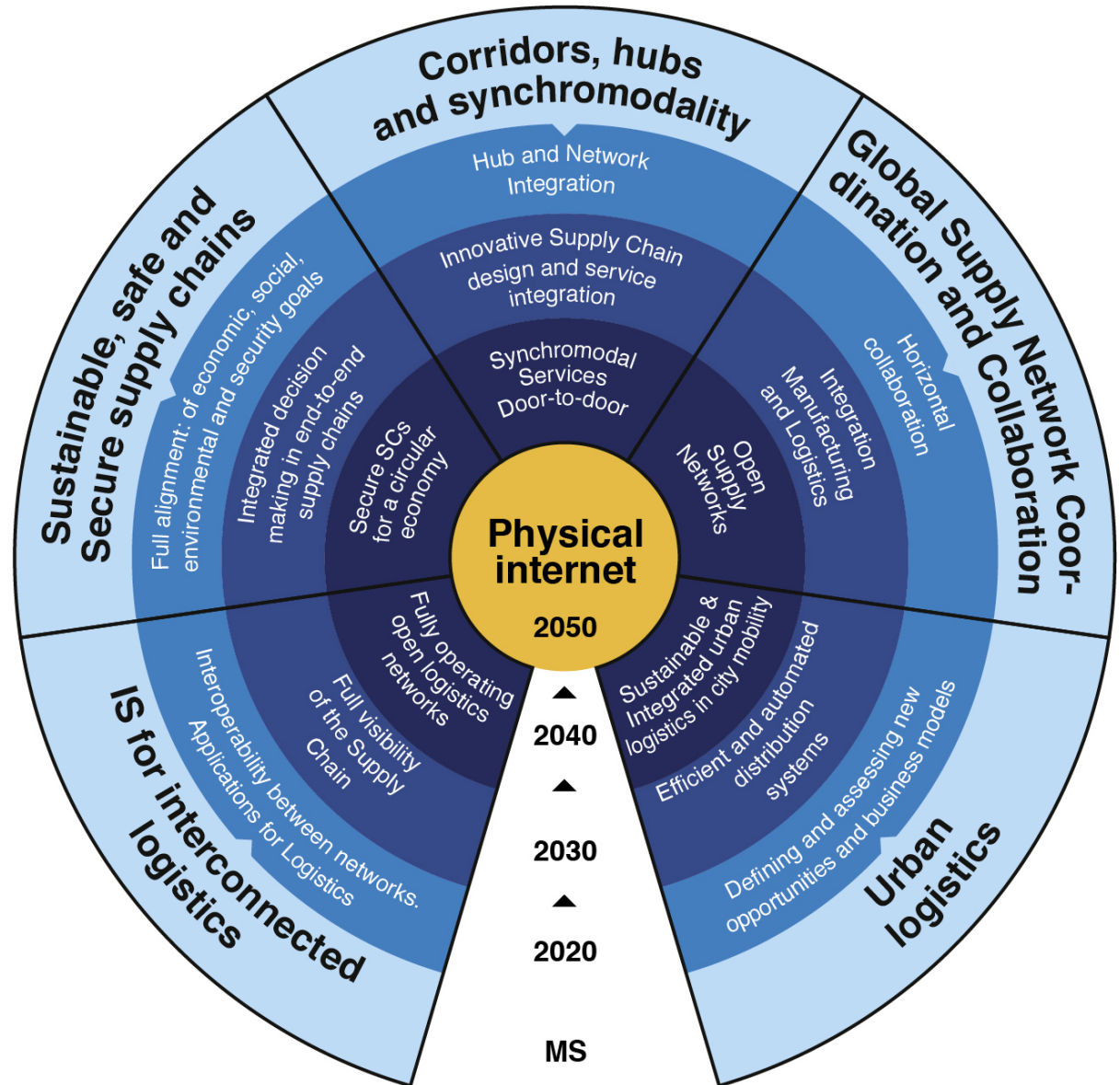
**BLOCKCHAIN**



- **Context for a logistics innovation program**



# European Research Agenda on Logistics





## National Science Agenda

### route 016

Met slim transport naar een energieke,  
innovatieve en duurzame samenleving

1. Emissievrije transportnetwerken
2. Duurzame stedelijke mobiliteit
3. Kortere logistieke ketens en bundeling
4. Naar volledig automatisch rijdend/varend transport



## Climate Agreement

### Challenge for Transport and Mobility

- Tires
- Electric
- City Logistics
- Biofuels
- Alternative fuels (solar, hydrogen)
- New business models

#### Current contribution to CO<sub>2</sub>

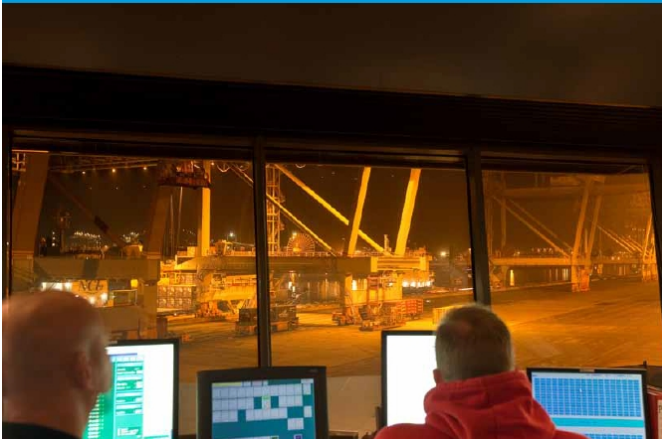
- Vans 4,5 Mton,
- Trucks 6,4 Mton
- Rail 0,1 Mton
- Inland Shipping 2,1 Mton



## Revision Partituur naar de Top

### Partituur naar de top

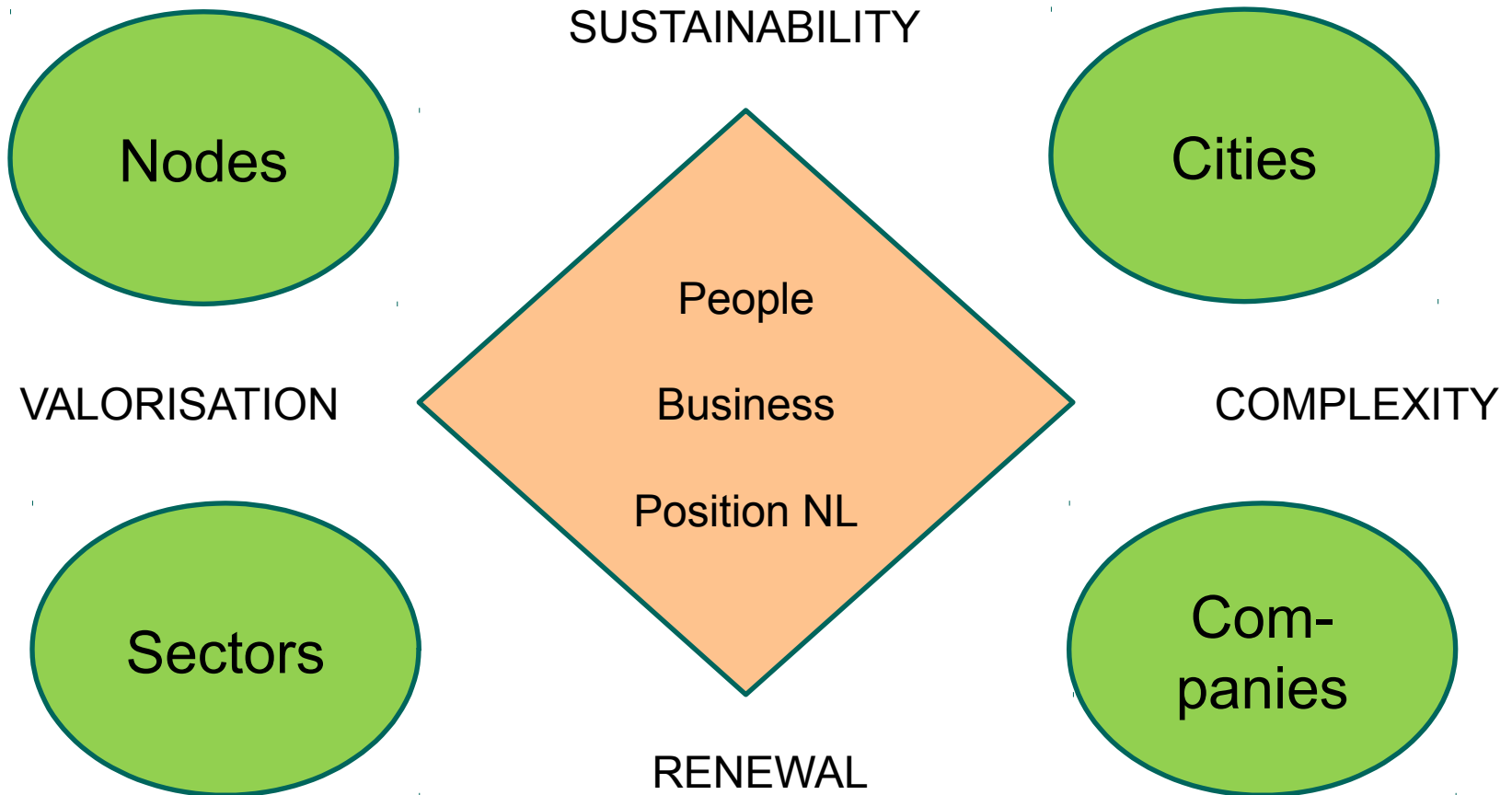
Adviesrapport Topteam Logistiek



- new priorities for logistics
- new ambitions
- new KPIs
- new roadmaps



# Knowledge and Innovation Agenda (KIA)







## Main research programs

- Cross-over topics (Logistics, NWO)
- Sustainable Living Labs
- Transitions with humanity
- TKI-toeslag



## Thank you for your attention

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