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

Masterclass I&W
19 maart 2018

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TKI DINALOG
Dutch Institute for Advanced Logistics

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Agenda

- General Introduction Topsector Logistics
- Context for a logistics innovation program
- Innovations for logistics
General introduction topsector Logistics
In 2020, the Netherlands will hold an international top position:

1. In the handling of transport flows;

2. As supply chain coordinator of international logistics activities;

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

1. Neutral Logistics Information Platform – Open ICT
2. Synchronomodal 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

- Open ICT-platform
- Synchronmodal Transport
- Trade compliance and customs
- Cross Chain Control Centers
- Service logistics
- Supply Chain Finance
- Fundamental knowledge
- Applied knowledge & technology
- Development products/services
- Market-driven pilots
Topsector Logistics Governance model

“Top Team” logistics

Program secretariat

Board

Top Consortium for Knowledge and Innovation (TKI)

Practical financial support program

Connekt
Innovations for logistics
Innovations in a societal context

Source: Scania
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$_2$

- Vans 4.5 Mton,
- Trucks 6.4 Mton
- Rail 0.1 Mton
- Inland Shipping 2.1 Mton
Revision Partituur naar de Top

- 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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