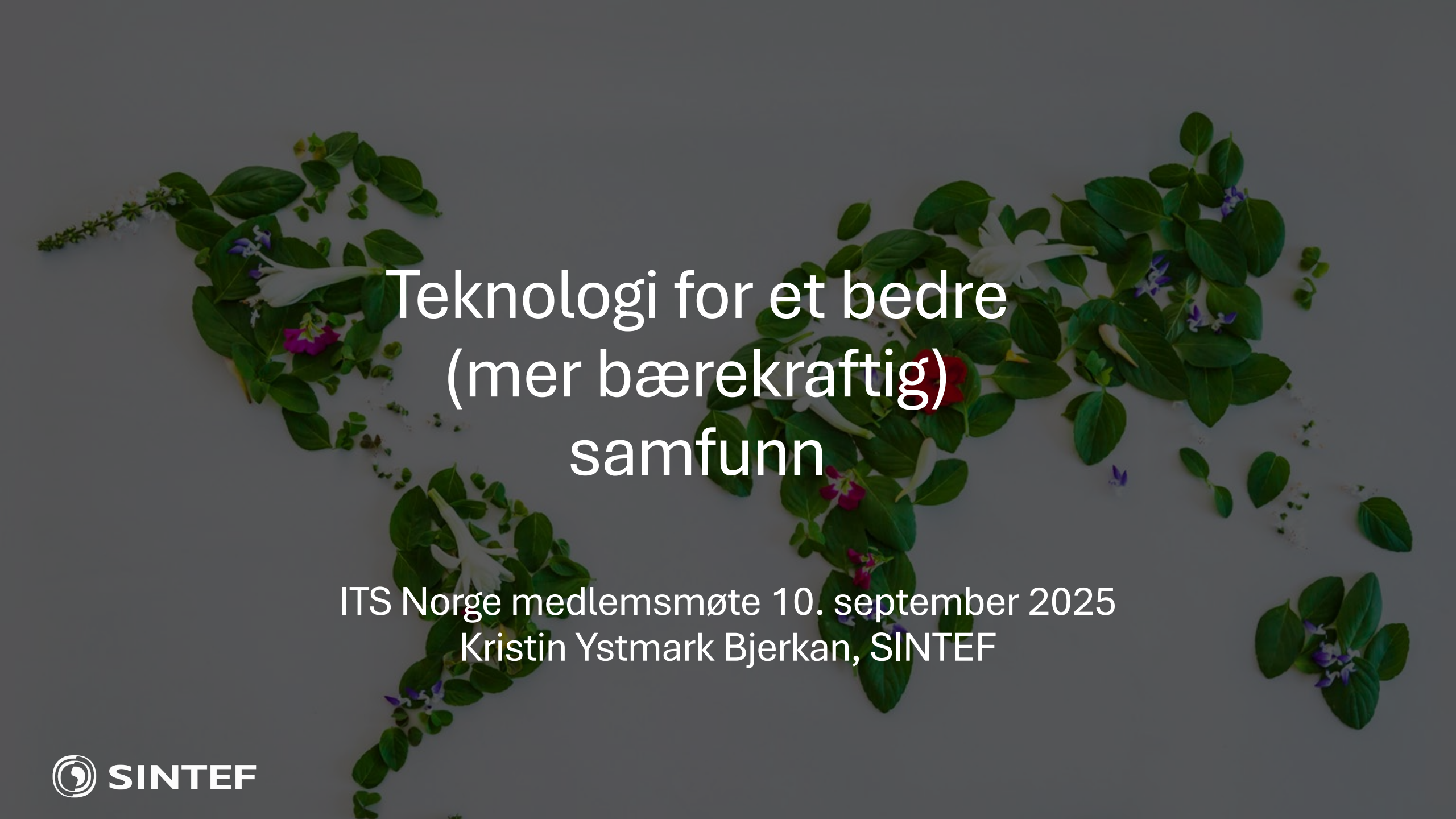
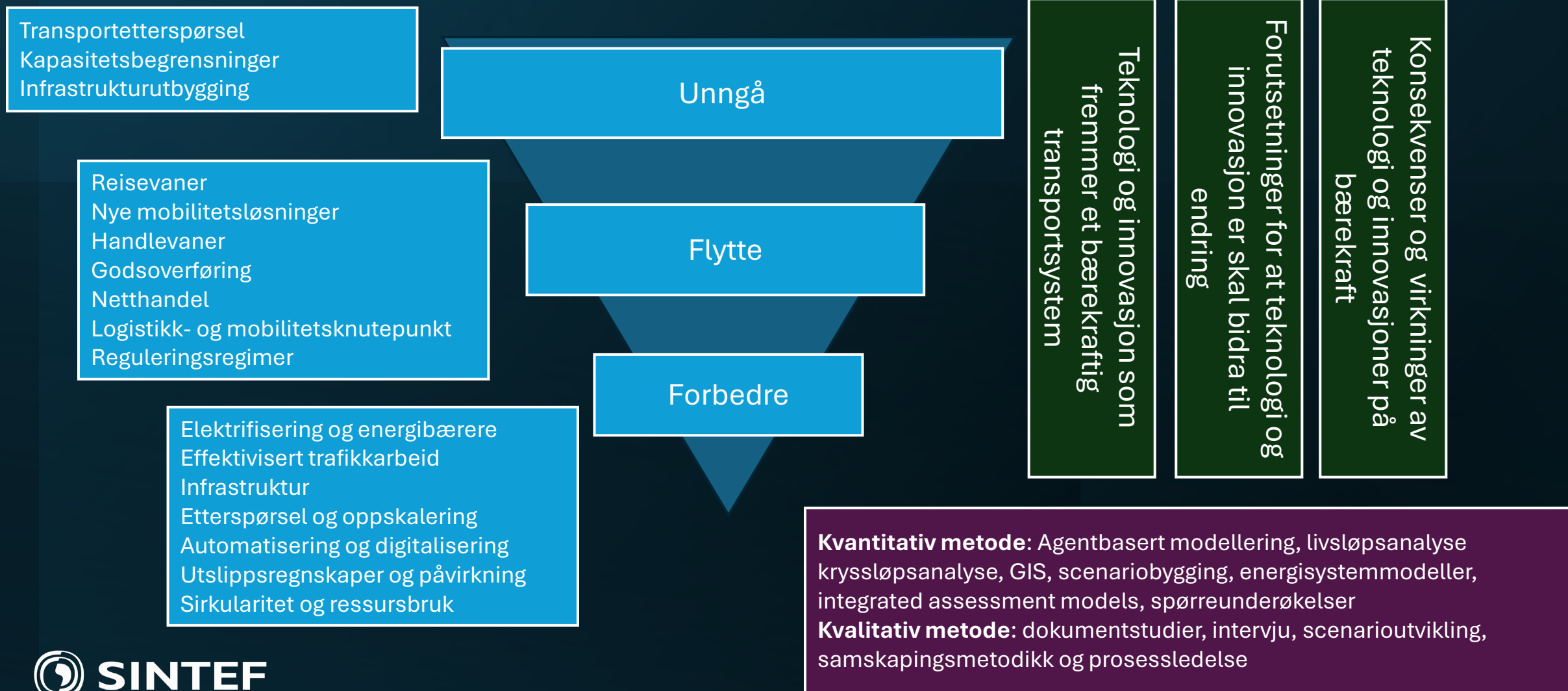




Teknologi for et bedre (mer bærekraftig) samfunn

ITS Norge medlemsmøte 10. september 2025
Kristin Ystmark Bjerkan, SINTEF

Omstilling til bærekraftig transportaktivitet



Omstilling til bærekraftig transportaktivitet



Transporttetter spørsmål
Kapasitetsbegrensninger
Infrastrukturbygging

Unngå

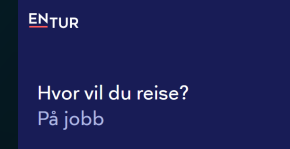
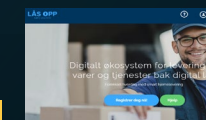
CAPTAIN



Reisevaner
Nye mobilitetsløsninger
Handlevaner
Godsoverføring
Netthandel
Logistikk- og mobilitetsknutepunkt
Reguleringsregimer

Flytte

STORCITO

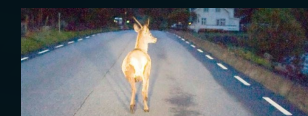


INCLUCity+

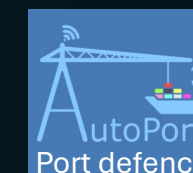
ACES

Forbedre

MOZEEES
Mobility Zero Emission Energy Systems



Elektrifisering og energibærere
Effektivisert trafikkarbeid
Infrastruktur
Etterspørsel og oppskalering
Automatisering og digitalisering
Utslippsregnskaper og påvirkning
Sirkularitet og ressursbruk





- **Natural Hazard Maps** (UVIGO) detects natural hazards via satellite data and performs forest fire risk predictions.
- **Traffic simulation** (UMINHO) simulates the impact of disruptions in traffic scenarios with varying initial traffic distributions.
- **Scour Monitoring for Decision Support** (POLIMI) estimates scour on bridge foundations and extrapolates the estimates to a network of bridges using Bayesian networks.
- **Vulnerability and traffic tool** (RINA) assesses the resilience of traffic networks considering disruptive events and reduced capacities.
- **Disruption Information Interface** (L-PIT) collects, visualizes and shares georeferenced disruption information.
- **Transport simulations – ASTROIT** (Fraunhofer) simulates the reaction of logistics networks to disruptive events using an agent-based approach for transport processes.
- **Route Attributes – Energy module** (SIN) assesses route details such as duration, length and emissions considering the type of transport vehicle and the topograph



POWERING THE FUTURE OF RURAL EUROPE

“STORCITO brings together people, ideas, and innovations from across Europe to **support the just and green transition of rural areas**”



<https://storcito.eu/>

SMART, FAIR MOBILITY FOR EVERY VILLAGE

Mobility is a cornerstone of rural life, yet many communities across Europe remain underserved, disconnected, or dependent on private transport.

	Project title:	Governing, Optimising and Leveraging Innovations proActively for shaping future proof holistic mobility system through data-driven and social optimum-led model
	Acronym:	GOLIA
	Topic:	HORIZON-CL5-2024-D6-01-09: Policies and governance shaping the future transport and mobility systems

“The project aims to shift the focus of mobility planning from purely economic considerations to a more holistic approach that incorporates social well-being, accessibility and sustainability. A key part of this approach is developing the **Social Optimum Mobility Index (SOMI)**, which will support dynamic, data-driven decision-making across urban transport systems”.

City	Phase	Use case main question	Use case focus	Mobility challenges	GOLIA governance strategy		GOLIA policy making strategy						
					Vertical integration		Horizontal integration	ENGAGEMOVE methodology	GO-X modules focus				
Pilsen	Vision building	Many technological solutions: what impacts on citizens, urban areas and land use?	Impact of driverless cars 	Gradual phase out from car dependency	Automotive (Skoda) as one of the main employers	Harmonisation of governance structures and levels	City of Pilsen Vs ITI area	Employment, Innovation and digitalisation, Energy, Education, Urbanism, Health	Transition Management	GO-INFO			
Industrial city 													
Florence	Measure design	How to design a network of urban mobility hubs to enhance safety and maximise SOMI?	Urban logistics hubs 				Re-design urban spaces in a historical city	National and Regional Vs Local policy making	Urbanism, Cultural heritage, Tourism, Local economic activities, retail, health		Storytelling, budget co-design	GO-DATA	
Historical city 													
Antwerp	Scale up & improve a successful solution	How to enhance and scale up Smart Ways to Antwerp and align with MoaR?	Marginalised groups 				Enhance usage of PT, soft and shared micro-mobility	Antwerp city authority Vs Flanders Region	Tourism, Logistics, Employment, Education, Healthcare		Serious games, co-creation		GO-KNOW
Port city 													