



TRACSENSE

PILOT-T UTLYSNING – TEKNA / RCN / IN

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## THE TEAM

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Member of:





TRACSENSE HAS DEVELOPED THE **FASTEST** AND **CHEAPEST**  
SENSOR OF ITS KIND ON THE MARKET TODAY

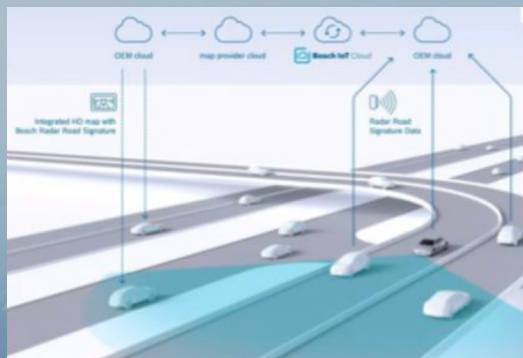
ENABLING NEW APPLICATIONS THAT WERE PREVIOUSLY UNIMAGINABLE

# RoadSPEC

“Enabling real-time detection of slippery roads through a novel connected automotive sensor system”



In-situ measurements



Next-mile prediction






Global prediction



# RoadSPEC

“Enabling real-time detection of slippery roads through a novel connected automotive sensor system”



	Manufacturer	Operator
Autonomous	E/NRIDE	 APPLIED AUTONOMY
	↑↓	
Human driver	 VOLVO	 TOTEN TRANSPORT

Project duration: 2 years (2019Q4 – 2021Q4)

Project size: MNOK 6.2 (2.7)



## RoadSPEC

“Enabling real-time detection of slippery roads through a novel connected automotive sensor system”



- Kick-start of our first growth phase
- Grew from 2 to 9 employees
- Partnerships throughout industry
- Considered an authority within our field
- Validation of products





AVINOR





Then we had “a great idea”...



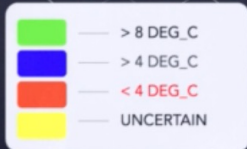
TRACSENSE

Regular

Ice / water

Thermal

TEMP : -1 °C



Request anti-icing

Request de-icing

Request inspection

Finish





## Building consortium

- Avinor
- Two Norwegian airlines
- One Start-up in maintenance
- One research institute

> Applied for Pilot-T (2020)



## Building consortium




**COVID-19**

- Aviner
- Two Norwegian airlines
- One Start-up in maintenance
- One research institute



> Applied for Pilot-T (2020)

## Approved applications

Project number 	Project title 	Institution/company 
321157	Last mile 2025 - En last mile-plattform som ved hjelp av AI håndterer den voldsomme veksten i netthandel på en bærekraftig måte.	DISTRIBUTION INNOVATION AS
321146	Nye leveringsløsninger basert på pakkebokser og signaturløs hjemlevering	POSTNORD AS
321090	User-Centric Charging Services for Electric Vehicles	POWERZEEK AS
321084	Styring av sårbarheter i fremtidens integrerte intelligente transportsystemer (ITS)	PROACTIMA AS
321032	AirSPEC: a novel pre-flight aircraft icing detection system	TRACSENSE AS





## Some considerations

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- Accelerate market deployment
  - Accelerate R&D efforts
  - Increase public profile
  - Safe testing ground
- You *need* to deliver
  - Administrative load
  - Not “free money”
  - *Public* money

DEVELOPING TECHNOLOGY TODAY,  
FOR SAFER ROADS TOMORROW

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