



Building Future Mobile Machines together - SIX Mobile Machines

8.2.2023

Global players ...



PONSSE **EPEC**



SANDVIK



CARGOTEC



VALTRA



VALMET AUTOMOTIVE



normet



TANA
From Waste to Value[®]



Danfoss



NOKIA



Junttan HEVTEC
respecting ground

VTT

Tampere University
Tampere University of Applied Sciences

SIX : MOBILE
Sustainable : WORK
Industry X : MACHINES

... with shared vision ...

' In 2025, Finland has become known as the world's best place for developing mobile work machines and their key technologies and services. '

... and joint objectives.

1.

Efficient and effective joint innovation development

'Together we are enabling the realization of company-specific and sector-wide 'digital green' goals. Along this journey, the cluster enables resolving difficult and time-consuming problems efficiently in close collaboration of industrial players and research actors. Everyone can pick fruits from this result basket and utilize them for their own purposes.'

2.

Development of competence and availability of talents

'By jointly identifying the future competence and industry focus areas, we are enabling the continuous availability of the skills and capabilities needed by companies. We are also doing educational development on this basis.'

3.

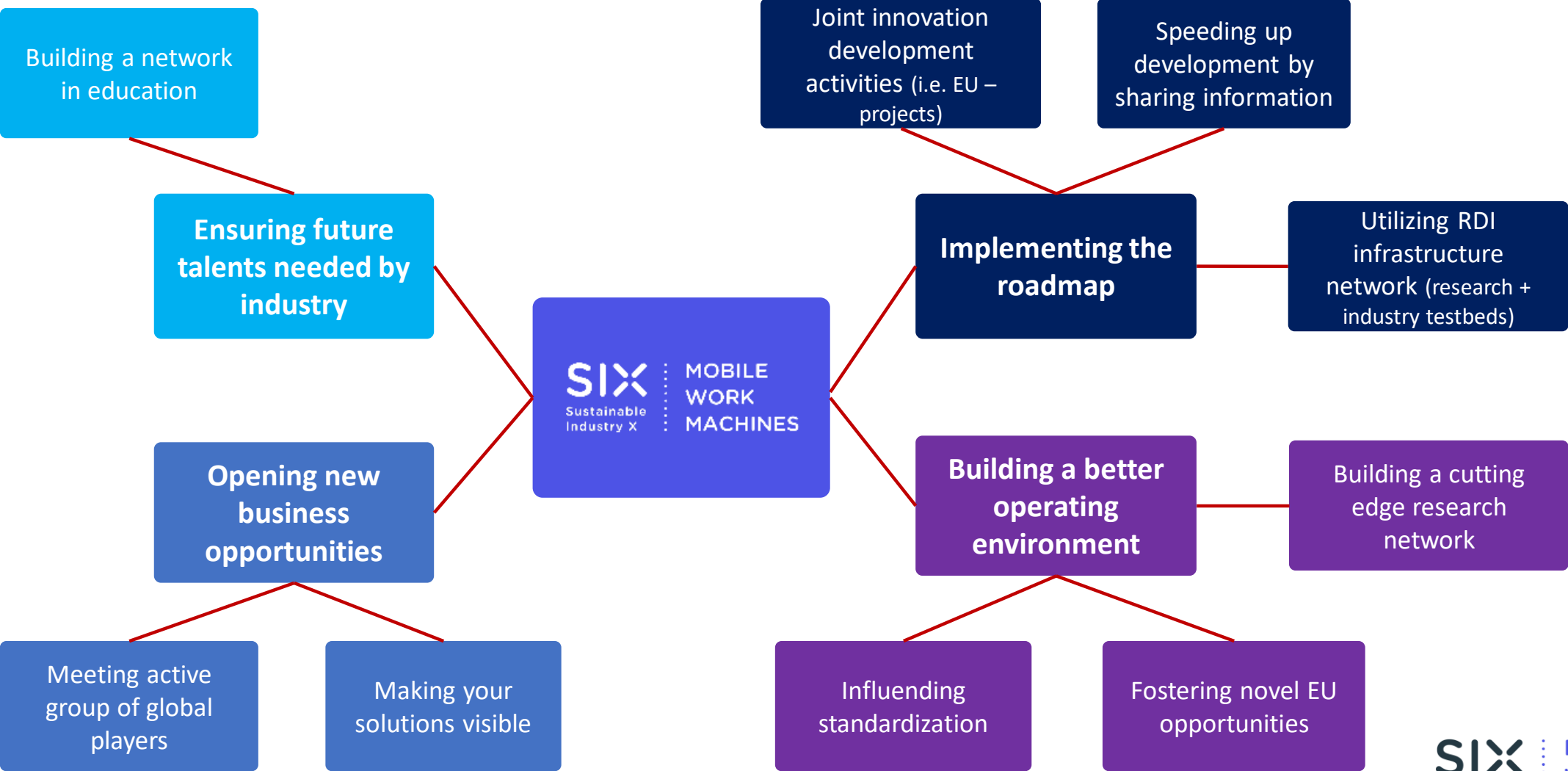
Visibility and impact in Finland and all around the world

'Together we will create better visibility of mobile work machine builders in Finland and globally. We will do this order to attract investments and the world's best experts to Finland. Together we influence funding, standardization and other decision making.'

Joint roadmap as a guiding line

Grand Challenges	Programs	2021	2022 - 2025	2026 - 2030
Resilient operations	INDUSTRY – 'Future machine' Autonomous operations & drive solutions Control systems for intelligence Connected and communicating Smartly electrified Data intensive lifecycle services Enabling new value from data Human in the loop	1. Industry: smart mobile work machine 2030		
Sustainable productivity	ENABLING ACTIVITIES Research, innovation Supporting infra Education	3. Continuum of joint innovation and competence development activities		
Accessible data and knowledge	RESEARCH – 'Making it real' Autonomous operations & drive solutions Control systems for intelligence Connected and communicating Smartly electrified Data intensive lifecycle services Enabling new value from data Human in the loop	2. Research: research needed in order realize smart mobile work machine 2030		
Proven sustainability				

Building Future Mobile Machines together



Thank You!

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