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Vinnova’s strategic direction for AI and innovation

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Sweden to become a leading global player in research and innovation, a country that is attractive for investment and entrepreneurship.

National AI approach – May 2018 make Sweden a world leader for development and the use of AI for a sustainable growth and welfare
"Artificial intelligence in Swedish business and society" – Big potential!

If we establish......

• International leading environments for collaboration

• Critical mass in research

• Education and training

• Access to data

• Use of AI solutions, to reach UN’s Sustainable Development Goals and to tackle the grand challenges.

Source: conclusions from Vinnova’s report "Artificial intelligence in Swedish business and society"
Societal Challenges – System Transformation

AI for good
considering ethics, integrity, gender, diversity

Good AI
transparency and openness;
Access and use of results

Innovative Experiments
A strong eco system in digitalisation - a must for advancing AI

- Digitalisation in society
- Competence base
- AI-patent
- Industry
- AI-related research
- Research priorities
- Supplementary education in AI
- Public sector

Source: conclusions from Vinnova’s report "Artificial intelligence in Swedish business and society"
...some corner stones to advance AI

- AI competence for Sweden
- AI Innovation Of Sweden
- Academy and research Institutes
- Society
- Industry
- Citizens and users
- WASP
- CHAIR

Actors in quadrupole helix
Vinnova will deal with AI by...

DIGITAL INFRASTRUCTURE

AI

Cyber security

High performance computing
...enhancing innovation capacity

- From research to innovation
- Data and infrastructure
- AI Innovation of Sweden
- Data factories
- NLP
- Open IP-data
- Satellite data
- Applied research projects
- Innovation AI for good
- Innovation capabilities
- AI demo: your first project
- Staff exchange in AI
- Strategic innovation programs
- Elements of AI
- West
- Node X
- ...

AI Innovation:

- Strategic innovation programs
- Data factories
- AI Innovation of Sweden

...From research to innovation

NLP
Open IP-data
Satellite data

Applied research projects

- Innovation AI for good
- Innovation capabilities
- AI demo: your first project
- Staff exchange in AI

Innovation

Elements of AI

Staff exchange in AI

AI demo: your first project

Elements of AI

Innovation AI for good

Innovation capabilities

Data and infrastructure

AI Innovation of Sweden

Data factories
Nurturing spirit of collaboration and trust

JOINING FORCES TO ACCELERATE THE AI STRATEGY

- Collaboration and cocreation
- Co-working spaces and meeting points
- Data factory and shared infrastructure
- International visibility and attraction

Kick-off 190206
Good luck!