SWED NANO TECH

The Importance of Collaboration

17-10-18, ScanBalt Forum

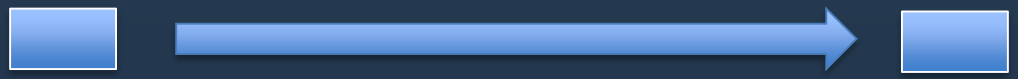
Åsalie Hartmanis, Managing Director

SwedNanoTech

- ✓ Network for industry and academia
- ✓ The voice of responsible nanotech development
- ✓ The neutral contact point for Swedish nanotechnology
- ✓ In operation since 2011

SWED NANO TECH

In theory …

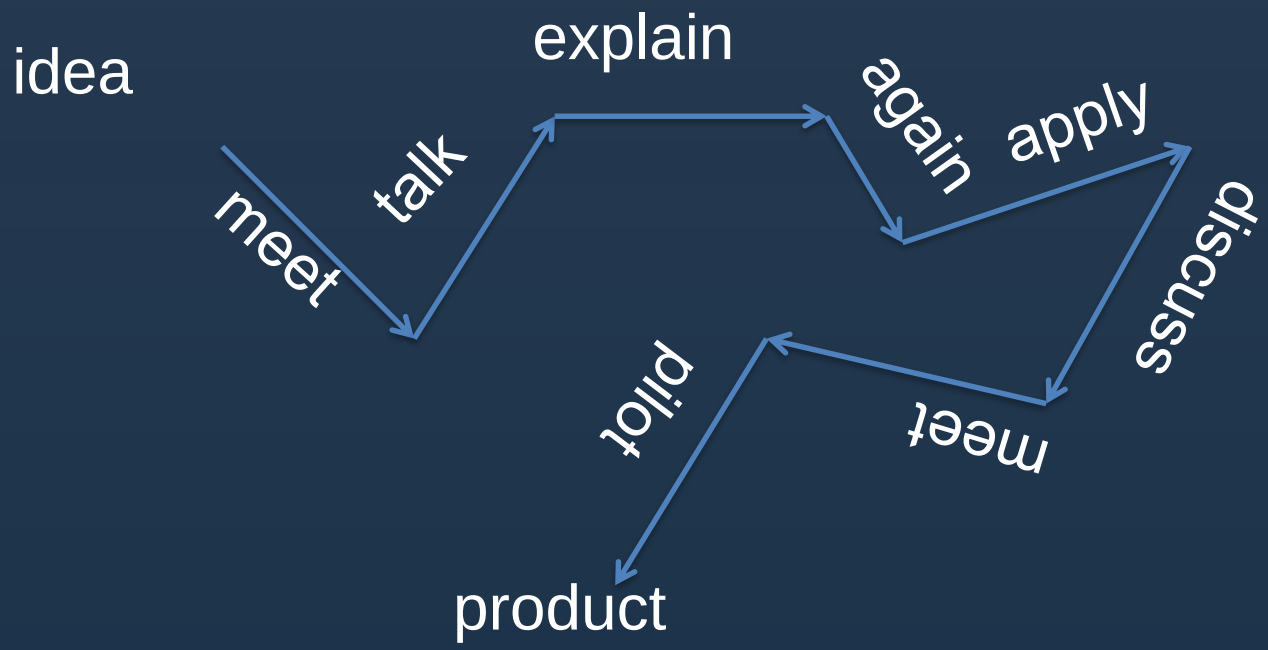


Ideas

Products

SWED NANO TECH

In real life ...



SWED NANO TECH

- ~3 000 nano scientists
- Major academic hubs
- Heavy public investment in basic science
- Research facilities open for industry
- International recognition
- Well-educated public
- Early adaptors

SWED NANO TECH

it's not
easy
being
small

NanoScan – Swedish Institute

- Expand existing network
- Develop new network
- Sweden-Estonia-Latvia-Finland

- Meeting of minds
- Open dialogue
- Enable sustainability-oriented innovation
- Mutual learning among different kinds of experts
- Joint action plan for development of a quality enhancing business model by activation of nanotechnology and advanced materials.

One region, zillions of possibilities

Life science

Energy storage

Clean tech

Electronics

SWED NANO TECH

Hurdles for innovation

- ✓ Market not ready – no demand
- ✓ Low legitimacy
- ✓ The grass is greener on the other side

SWED NANO TECH

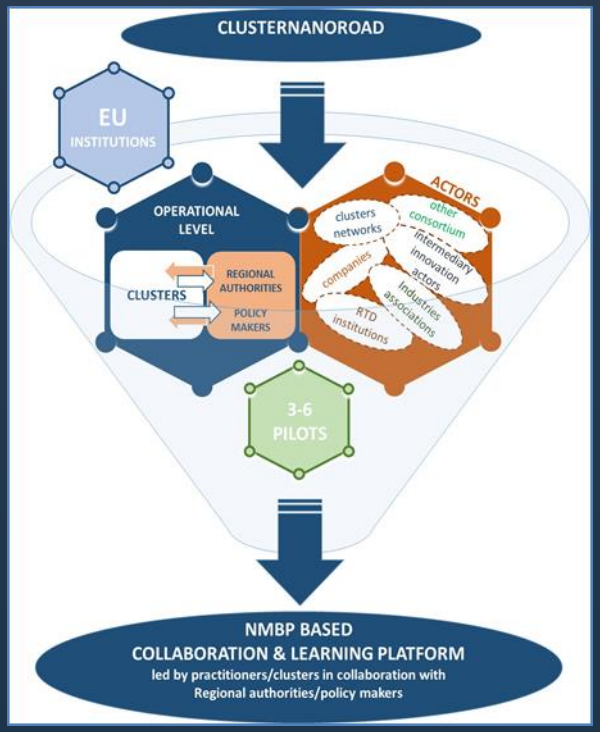
SWED NANO TECH

Project mission

- Mapping initiatives that support enabling technology uptake
- Build a network of cross-sectoral clusters for joint activities
- Create a roadmap for clusters to implement enabling technologies
- Pilot actions across clusters and sectors

SWED NANO TECH

To learn from others and deploy



SWED NANO TECH

Success factors for clusters

Get policy makers on board

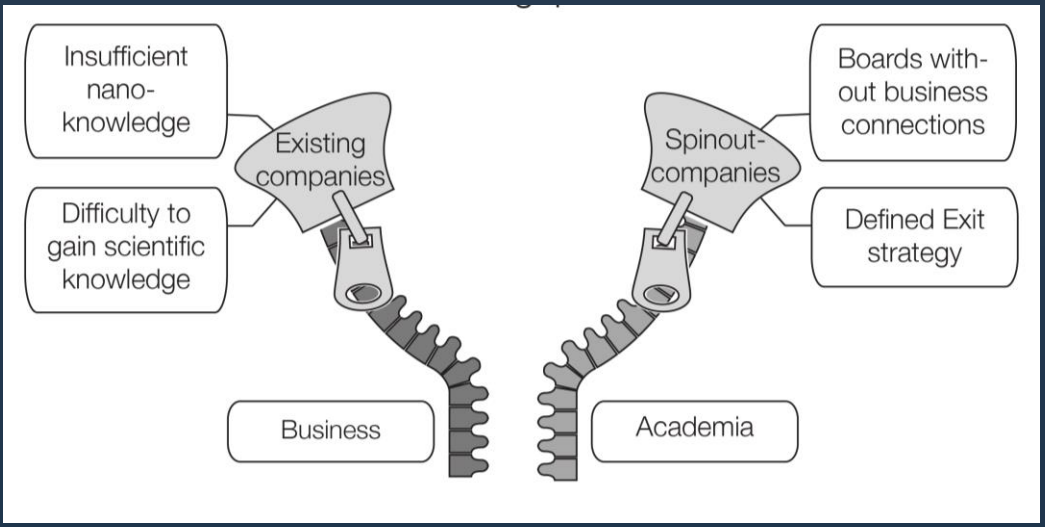
Strong industry interaction

Strong academic position

International connections

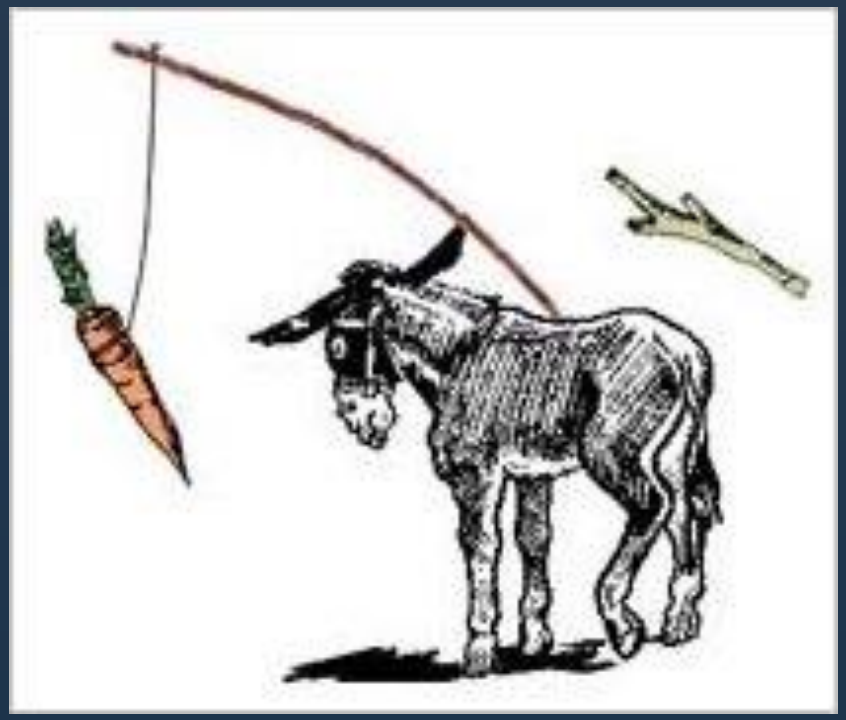
SWED NANO TECH

The gap increases



SWED NANO TECH

Technology shift does not come by itself



SWED NANO TECH

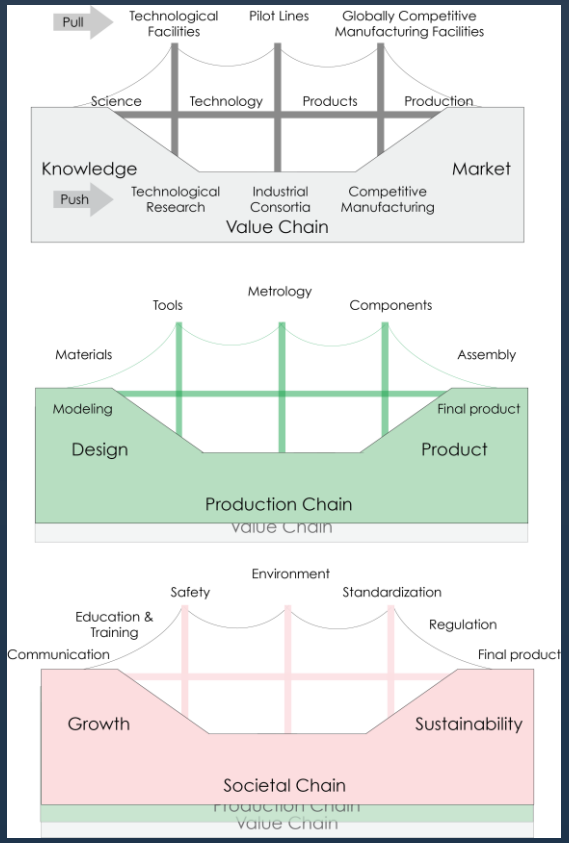
No one wants to be...

SWED NANO TECH

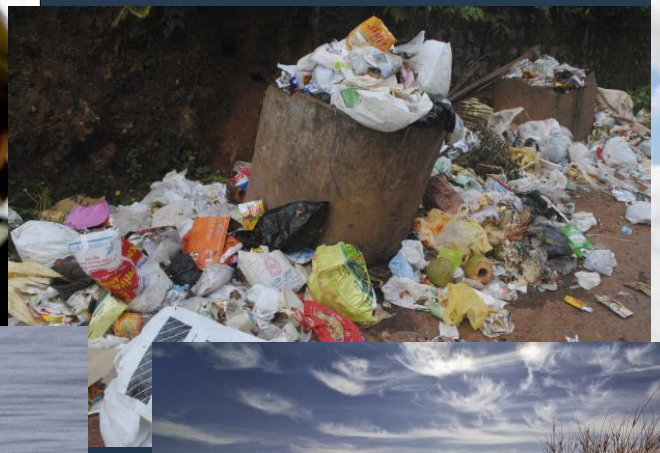
”Bridge over

Troubled

Water…”



”Life will find its way”



SWED NANO TECH

Tänan teid tähelepanu eest!

asalie.hartmanis@swednanotech.com

SWED NANO TECH