



VINNOVA

Knowledge gives growth... **VINNVÄXT**

The VINNOVA logo is located in the top right corner. It consists of the word "VINNOVA" in white, uppercase, sans-serif font, set against a green rectangular background with a white wavy line at the bottom.

The VINNVÄXT Programme

Regional Growth through Dynamic Innovation Systems

Cecilia Johansson, Programme Manager,
VINNOVA, SWEDEN

VINNOVA's challenge

Long-term economic growth in Sweden is weak, despite large investments in R&D.

Increasing returns on Swedish R&D investments is one of VINNOVA's challenges.

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VINNOVA

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A Government Agency under the Ministry of Industry,
with

- 150 employees
- Annual budget approximately Euro 120 million

Mission:

To promote sustainable growth through

- Financing problem oriented research
- Development of effective innovation systems



Efficient innovation systems

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Sustainable growth requires interaction between business, research, and policy/the public sector – Triple Helix.

The interaction results in new products, services, and processes.

Interaction between

- Business
- Research
- Policy/Public Sector



Tools for research and innovation

- R&D programmes in growth areas
- VINN Excellence Center
- Research Institutes
- SBIR
- Business Incubator programme
- VINN NU Pre-seed programme
- SMINT Stimulation of SME participation in international R&D projects
- VINNVÄXT

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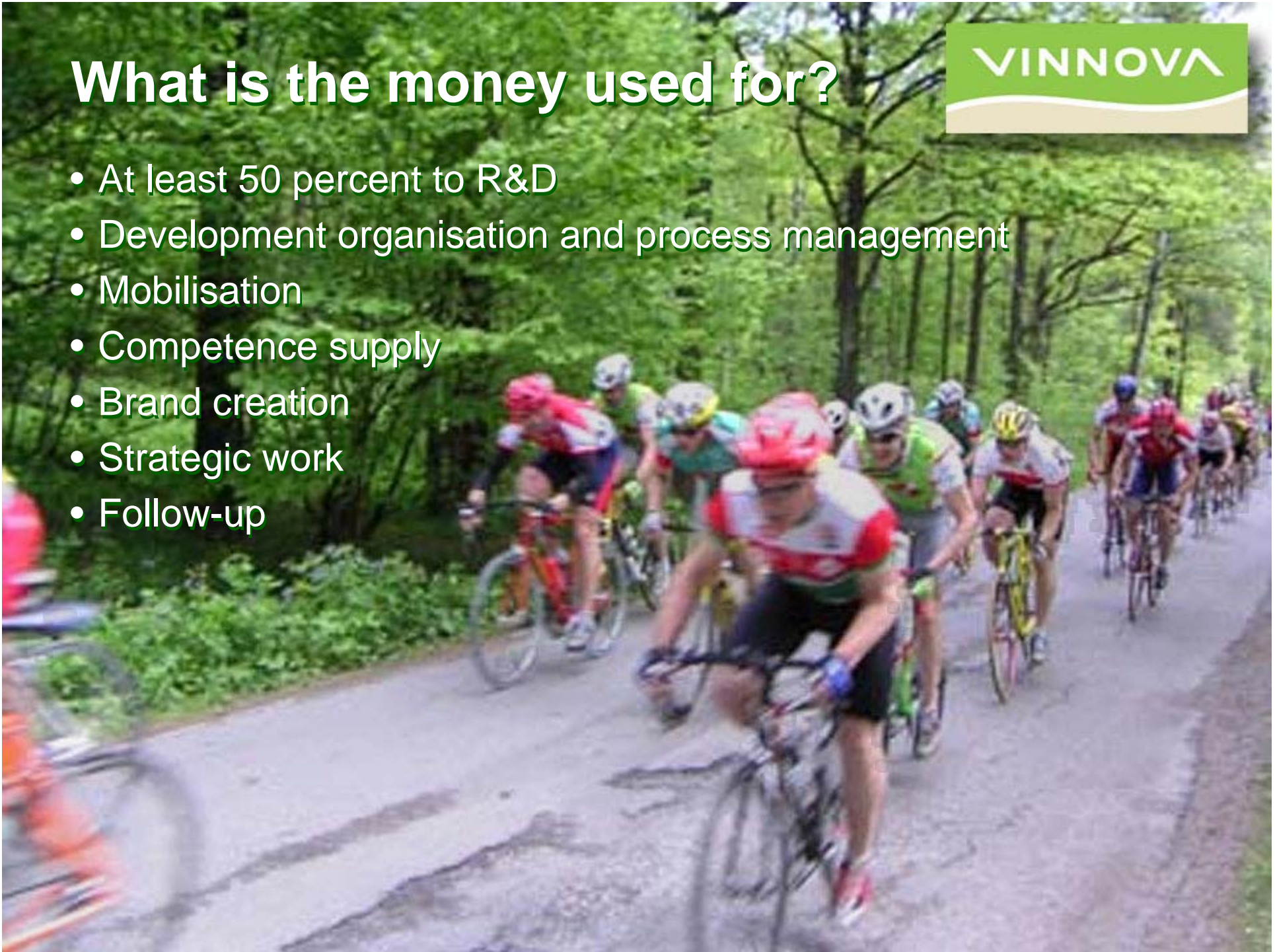
- VINNVÄXT is a competition that gets Sweden going!
- Generates growth through regional mobilisation
- Develops internationally competitive R&D environments
- Invests Euro 65 million x 2 in a 10 year period
- Long-term perspective – in learning, research, networks and processes



What is the money used for?

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- At least 50 percent to R&D
- Development organisation and process management
- Mobilisation
- Competence supply
- Brand creation
- Strategic work
- Follow-up



VINNVÄXT WINNERS

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- VINNVÄXT is a competition – the best ones win!
- Strong, common strategic idea
- Clear regional leadership
- Growth areas: biotechnology, IT, food/health and process industries
- Two competitions so far – eight winners!





Uppsala BIO – Uppsala



- Tradition in biotechnology research
- Internationally renowned brands + Nobel prize winners
- Creates renewal and cross-disciplinary collaboration
- Two universities + broad business base + active municipality in collaboration



Competence diversity



Food Innovation at Interfaces – Skåne



- Spearhead competence in agribusiness
- Creates food with high added value
- Border-crossing research on companies terms
- Strong political backing in the region
- Creates an innovative climate



Magnus Lagnevik

Kjell Olsson

Robot Valley – Mälardalen



- Specialises in industrial robots, field robotics and robotics for medical and health care
- Robot Valley has what is needed - qualified education, strong support from industry, innovative research environments and a strong brand
- Strongly industry-driven



Erik Lundqvist

Evelyn Karlsson



ProcessIT
Innovations



GÖTEBORGBIO

BIOSCIENCE IN THE
HEART OF
SCANDINAVIA



fiber optic valley



TRIPLE STEELIX



LIVETS NYA
VERKTYG



even more winners...

VINNVÄXT – what does it take to win?

- Good growth potential
- Common strategic idea
- Regional strength and leadership
- Strong R&D environment
- Renewal in focus
- All parties must contribute –
Triple Helix

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VINNVÄXT – effects

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- Helps regions to go from words to action
- Competition format forces regions to prioritise
- Strategic research on companies' terms
- Clear coordination effect
- Strong role for regional politicians
- Growth in focus
- Gives credibility
- Builds brands



New nominations – VINNVÄXT 2005

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- Growth initiatives in early stages have priority
- Common strategic ideas/visions are rewarded
- Resource allocation Euro 550 000 /year 2006 and 2007
- A 10-year perspective



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Knowledge gives growth... **VINNVÄXT**

Three concepts:

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Sustainable growth:

Long-term economic growth which is also socially and ecologically sustainable

Innovation systems:

Actors in business, research and politics who generate and use new technology and new knowledge in collaboration, for sustainable growth

Triple Helix:

Collaboration and coordination between business, researchers and politicians/society