



Danish Agency for Science
Technology and Innovation
Ministry of Science
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Information meeting

The Danish Council for Strategic Research

**Strategic Research in Health, Food and
Welfare**

Erik Bisgaard Madsen,
chairman of the Programme Commission on
Health, Food and Welfare

Wednesday March 24 2010



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Program

- 15.00- 15.10** **Welcome and review of the strategic action areas**
Erik Bisgaard Madsen, chair of the Programme
Commission on Health, Food and Welfare.
- 15.10- 15.25** **How to apply and guide to application procedure (e-application)**
Allan Vaag, Professor, member of the Programme
Commission on Health, Food and Welfare
- 15.25- 15.55** **SPIR (Strategic Platforms for Innovation and Research) – a collaboration between the Danish Council for Strategic Research and the Danish Council for Technology and Innovation**
Annette Toft, member of the Danish Council for
Technology and Innovation
- 15.55- 16.20** **Evolva's experience as SME in research projects**
Jørgen Hansen, Director of Research, Evolva A/S
- 16.20- 16.30** **Questions from the audience**
- 16.30** **Wrap-up – thanks for now**

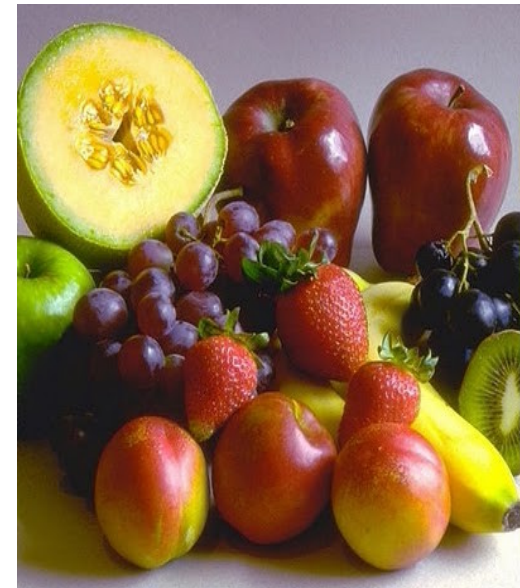


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Strategic research in healthy food

Competitive parameter: Close correlation
between food, health and sustainability

Danish research and industry
are in the international lead





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Food and health – an important societal challenge

Strategic research: a targeted effort for better welfare

Lifestyle, healthy food of high quality and sustainability are important research areas.

Plant research – Denmark holds a strong position when it comes to the use of biological resources and strategic research into the plant area





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Themes 2010

| Themes | Funding |
|---|--------------|
| Connection between food, health and lifestyle | 113 mio. DKK |
| Foods incl. biological manufacturing | 56 mio. DKK |
| Bioresources, foods and other biological products | 75 mio. DKK |
| SPIR | 35 mio. DKK |
| Danish-Indian research collaboration | 5 mio. DKK |





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Theme 1 – Connection between food, health and lifestyle

The food and health sectors need to improve their joint ability to cater to future consumer preferences. This must be achieved by economically and environmentally sustainable means

Funding is available for research into e.g.:

- connection between diet and lifestyle
- interaction between diet and genes
- development of improved and well-founded dietary recommendations
- environmental, health and ethical related issues applying new technology



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Theme 2 – Foods incl. biological manufacturing

Need for research in new technologies for food development and for research which from an international perspective documents the sustainability of biological manufacturing

Funding is available for research into e.g.:

- healthy or unhealthy substances in plants and animals
- methods for the manufacture, distribution and storage of raw materials and products
- preventing and combating infections and the spread of resistant microorganisms



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Theme 3 – Bioresources, foods and other biological products

Need for viewing the entire value chain and integrating innovative and efficient production processes. Furthermore there is a need for cross disciplinary research (agriculture, natural and technical sciences, humanities etc.)

Funding is available for research into e.g.:

- sustainable agriculture through increased use of ICT
- robot technology and new biotechnological techniques including GMOs
- products with health promoting effects and good taste
- development of new plant materials, drug-producing and other non-food crops



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Funding instruments

Strategic research centres

Grants for a duration of 5-7 years.

The grant size is a total of approx. DKK 30 million or more

Strategic research alliances

Grants for a duration of approx. 5 years.

The grant size is a total of DKK 15-20 million

Strategic research projects

Grants for a duration of 3-5 years.

The grant size is a total of at least DKK 10 million





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Members of the programme commission

Direktør Erik Bisgaard Madsen, Chairman
Landbrug og Fødevarer

Professor Liisa Lähteenmäki
Department of Marketing and Statistics, MAPP, Århus Universitet

Instituttleder, Lektor Anna Haldrup
Institut for Plantebiologi og Bioteknologi, Københavns Universitet

Forsk.chef, adj. professor Henrik Jørgen Andersen
Arla Foods

Professor, dr.phil. Flemming Just
Institut for Miljø- og Erhvervsøkonomi (IME), Syddansk Universitet

Overlæge, dr.med., adj. professor Allan Vaag
Steno Diabets Center

Forskningsleder, professor Berit Heitmann
Institut for Sygdomsforebyggelse, Center for Sygdom og Samfund

Professor Martin Grunow
DTU Management, Institut for planlægning,
innovation og ledelse

Forskningsleder Per Kudsk
Institut for Plantebeskyttelse og Skadedyr
Forskningscenter Flakkebjerg

