Models for successful collaboration and partnerships of purpose between universities, businesses and NGO's



Conference June 11, 2009 The key role of industry and universities in publicprivate partnerships to drive innovation, growth and competitiveness

THEME 2: University Strategic Development – working with businesses

# **TOPIC:** Industry in collaboration and partnership with the university



Advice & Consulting Projects & Knowledge Communication & Innovation



Healthy Growth Program Partner & Chairman, Management Board





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### The 'Triple-Helix' approach to innovation

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**Basically**, the processes driving innovation are the same in both private and public sectors

**In principle**, the innovation triangle has three major components:

- ➤ Ideas
- Management
- ≻Time & money

### **Public-private partnering**

**(PPP)** gains increasing importance in national and transnational RTD/Innovation funding schemes:

- > NL Top Institutes
- ➤ EU EIT and KIC's



#### FACULTY OF LIFE SCIENCES



# **Financing**





# Partners





Public-private innovation partnerships rely heavily on public research investments





After Olesen, P 2009: Tidsskrift for Landøkonomi (in press)



# Public-private innovation partnerships rely heavily on public research investments



# Public-private innovation partnerships rely heavily on public research investments



# **Increasing importance** of private-public partnering, PPP



The change from the 'comfortable' post-industrial evolution to the much more 'brutal' globalisation went along well with the economic growth period – but effects are dramatically exposed by the financial crisis

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Compensate for metabolic and health decay metabolic imprinting homeostasis) SPECIAL DIFT & DIET/INF. NUTRITION DIET & LIFESTYLE, Fct, Foods CLIN. NUTRITION LIFE SPAN Correction and treatment of nonhealthy -> disease conditions DRUGS

> ...which needs substantial new scientific developments and understanding: >nutritional/physiological 'omics >role(s) of metabolic stress >measures (markers) of health









#### UNIVERSITY OF COPENHAGEN FACULTY OF LIFE SCIENCES **Health Functionality Pipeline CHR, HANSEN** - towards open innovation Target: prevention of chronic Portfolio lifestyle-related diseases Development Ideas/product concepts: new functionalities and mode of action Competences (knowhow/facilities/tools) → Mode of action Strategic research base: probiotics/immune/inflammation/receptors Years 2 3 5 4 1 Specific targeted research collaborations: knowledge + co-financing Food cultures/fct. foods Pipeline to support Human health food supplements 3 business segments Animal health feed additives























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