

The Bio-Economy 2020

An ingredient company perspective

Dr. Andrew Morgan, Chief Scientific Officer, Danisco

KBBE 2020 14 September 2010

Innovative Food Production



Danisco – *addressing global challenges*



FOOD



HEALTH



ENERGY



CHEMICALS

from 6.9 to 9.1 billion people in the next 40 years

Health & nutrition – a societal issue

- › Significant increases in chronic disease - due to obesity & ageing

- › Good nutrition - a profound effect on health
 - The role of individual foods and ingredients on health?

- › Pressing need for Research to link diet and health
 - Need for valid Biomarkers of Health

- › A Collaborative Action needed to succeed
 - An urgent societal issue – with new regulatory challenges
 - “Expert stakeholder group” to balance risk/benefits



Open innovation and mechanisms for technology transfer

- › FP7, ETPs, ERA-NETs, KICs - important especially for SMEs.
- › **Knowledge Transfer Networks (KTN) in UK** - an interesting model:
 - **Industry-led** - connecting industry, academia and government
 - Access to **information** on technologies, markets and funding opportunities
 - An effective **communications** channel between industry and public sector policy
 - **Portals** to UK science and industry, e.g. in the Biosciences:

