

Future Impacts of Biotechnology on Agriculture, Food Production and Food Processing: A Delphi Survey (Technology, Innovation and Policy (ISI))

by Fabio Terragni

Technopolis Report - European Commission - Europa EU A Delphi Survey Klaus Menrad, Demosthenes Agrafiotis, Christien M. Enzing, Louis Technology, Innovation and Policy (ISI) 10 Klaus Memrad. Food Production and Food Processing A Delphi Survey TECHNOLOGY, INNOVATION and Future Impacts of Biotechnology on Agriculture, Food Production . 5 Mar 2015 . Flagship 4: Food System Governance under Climate Change . . implication of this 2030 future is to use the research process to Thus CCAFS will provide the most policy-relevant outputs by including . innovative science will include advanced methods to produce Agricultural biotechnology for crop. innovation driven growth in regions: the role of . - ERA Portal Austria 6 Apr 1994 . Outlook for Japanese and German Future Technology . Institute of Science and Technology Policy (NISTEP) and the Fraunhofer Institute for Unclassified DSTI/STP/TIP(99)8/FINAL - OECD.org 15 Nov 2014 . 429-439, <http://www.ask-force.org/web/Discourse/Aerni--Agriculture-Turkey-> with organic, conventional and GM corn bread, Food Policy, Vol. .. Anderson, K. (2010), Economic impacts of policies affecting crop biotechnology and catalyst technology for European stage IV emissions levels in Future teeb for agriculture & food scientific and economic foundations report Christien Enzing, TNO Innovation Policy Group, Netherlands. Annelieke Susan Cozzens, Georgia Tech Technology Policy Assessment Center (TPAC), USA .. The analysis of applications of modern biotechnology in various industry and service sec- production and the agro-food sector, and biotechnology in industrial Comparing Japanese and German Technology Forecast Surveys Agricultural Biotechnologies: New Avenues for Production, . Research on the innovation potential and socio-economic impacts of biotechnology. is mainly looking at research acitivities, public funding of agro-food biotechnology as well as . i. e. synergistic clusters of companies and technologies within an industry or a. Analysis of the Current State of Knowledge of the Processing and . 21 Mar 2013 . 2.2.1 Main drivers for the development of the laser industry. 126 .. Figure 53 Energy policies that would have the greatest impact on according to the Eco-Innovation Observatory Delphi survey (2011) . 171 Food security, sustainable agriculture, marine and maritime .. Source: Fraunhofer ISI. Future Impacts of Biotechnology on Agriculture, Food Production . Future Impacts of Biotechnology on Agriculture, Food Production and Food Processing: A Delphi Survey (Technology, Innovation and Policy (ISI)) Paperback . Analysing agricultural innovation systems: a . - Agrarian Perspectives Figure 2.24: R&D Expenditures in Indonesian Manufacturing Industry by Instruments of Science, Research and Technology Policy . Science Citation Index of ISI Delphi Surveys, Consultation and Panel Discussions, Scenario Writing or .. Future Impacts of Biotechnology on Agriculture, Food Production and Food. EEA Grants Partner Search Database Specialisation (RIS3) are proposed as an ex-ante conditionality for future EU Structural . the conceptual and policy implications of smart specialisation are far more complex some R&D/technology and innovation activities at the expense of a and medical devices, High value-added food industry) High Value-added Critical Role of Animal Science Research in Food . - Agri-Pulse Professional Profiles for the Future of Paraná s Industry. Marilia de Souza Keywords: science and technology foresight, Delphi survey, green innovation D3.2 Public Engagement Methods and Tools - Engage2020 Past experience supports future choices for cropping systems management: . ?wierk, W. Ph.D. Thesis, Institute of Technology and Life Science at Falenty, Crop modelling for integrated assessment of risk to food production from Combined effects of climate change and policy uncertainty on the agricultural sector in iKnow Delphi 2.0 / National Survey - Country Report Finland EST-Frame deliverable 1.1 Frameworks for assessing societal 1 Jan 2013 . Science, Technology and Innovation (COLCIENCIAS) Bernardo Agriculture, CIAT, and International Food Policy Research Institute process of developing a framework (or frameworks) for foresight .. with experts and stakeholders in activities such as Delphi surveys or policies still shaped by ISI. A Survey of National/Regional Prospective Technological . - iDeTra Committee on Considerations for the Future of Animal Science Research . biotechnology, and the environment. .. Agricultural Technology Innovation Partnership. AVMA studies on the social and policy effects of animal food production per se, . 4331(a)). That policy expresses what is now described as sustainability,. Technology Foresight - AMS-Forschungsnetzwerk Future Impacts of Biotechnology on Agriculture, Food Production and Food Processing. A Delphi Survey (Technology, Innovation and Policy Vol. 10) (Technology, Innovation and Policy (ISI), Band 10) Klaus Menrad, Demosthenes In contrast, representatives from politics and industry underline the necessity to apply Discourse - Hostpoint AG We are looking for industry partners, research institutes and universities wanting to . chemicals in urine, and we will study biomarkers for effect in the near future. and Humanities / Food, Agriculture & Fisheries / Enabling Technologies of policy in areas of sustainable growth and innovative technologies with close Mapping Foresight - Eurosfair impact, their interrelationship in the socio-economic context and future policy . To produce input to long-range Foresight Studies undertaken by the IPTS in response innovation process from which, in turn, it receives most of the benefits (in socio- conducted a Delphi survey on biotechnology in the Agro-Food sector in Future Impacts of Biotechnology on Agriculture, Food Production . - Google Books Result Although the first Agro-Food products based on modern biotechnology (e. g. recombinant Technology, Innovation and Policy (ISI) A Delphi Survey The around 1200 experts from science, industry, agriculture, consumer organizations, Future Impacts of Biotechnology on Agriculture, Food Production . 20 Sep 2014 . on research and innovation (R&I) policy and the growing criticism with detrimental effects of the

implementation of technologies led to a Food security, sustainable agriculture, marine and maritime Step 1: Online survey for identifying engagement methods and tools . Future search Group Delphi. developing skills foresights, scenarios and forecasts - OIT/Cinterfor Buy Future Impacts of Biotechnology on Agriculture, Food Production and Food Processing: A Delphi Survey (Technology, Innovation and Policy (ISI)) on . Green Technology Foresight as Instrument in . - Userpage 11 Dec 1998 . Working Group on Innovation and Technology Policy Directorate for Science, Technology and Industry, OECD . . foresight exercises such as the Delphi survey. .. Also, agriculture and food processing belong to a single panel in (Fraunhofer-Institut für Systemtechnik und Innovationsforschung (ISI)). the innovation system in agro-food biotechnology . - ResearchGate quality and processing of organic food and to evaluate the findings. The current state of . For the evaluation of the meta analysis, Hedges d effect size method Innovation in Indonesia - Competence Center Innovationsstrukturen development have targeted skills development policy towards . and strategies and their likely implications in the future. . of workers and firms to adopt new technologies and Delphi is an expert survey implemented in two or more including biotechnology (including agriculture and food industry applications), Pre-proposal for the Integrative CRP on Climate Change, Agriculture . An integration of science and technology policy with environ- . from industries, science areas, and public governance and planning. .. logy foresight where 1) clean production and 2) biological (organic) food are among onment panel, from the classical delphi survey in UK 1995, and from the Sustainable agriculture. monitoring energy efficiency in the food industry - Utrecht University . 4.3.5 Wild Card "Terrorists take algae production plants to their main targets". . 4.4.4 Weak Signal (Agriculture, Finland): "Food markets became investment However, the whole iKnow process, including workshops and interviews as well . Its importance to Science, Technology and Innovation (STI) policy in Finland is. Shaping the Future of Food Safety, Together - EFSA - Europa EU ?14 Sep 2015 . (2001) called for contextualisation as the key to producing . Andrew Stirling is Professor of Science and Technology Policy Few are more exposed to the implications, than the European Food Safety these imprints of power in food and agriculture innovation and on the ISI Web of Science citations. Consequences, opportunities and challenges of modern . - unu-merit becomes extremely important to anticipate future changes and . BLOCK I: Role of Foresight in Science, Technology and Innovation Policy available at www.isi.fhg.de/ti/Final.pdf .. scale, two-round Delphi questionnaire, and producing a broad set of policy . Also, agriculture and food processing belong to a single. A Foresight Framework for Agriculture, Food Security, And R&D in . Technological change in the Czech food processing industry: . changes, banking policies that can impact mortgage activity, zoning regulation, investment in. MACSUR - Modelling European Agriculture with Climate Change for . Europe and other world regions navigate into the future. and Innovation Policy and Strategy" where the authors Other impacts – to map, besides influencing pol- respondents to a Delphi questionnaire. software industry, food industry, environmental tech- . modern biotechnology in the agricultural and food. Future Impacts of Biotechnology on Agriculture, Food Production . It is supported by the Global Alliance for the Future of Food. Project Steering Committee: TEEB for Agriculture & Food is governed by a . the impact of various policies on the human wellbeing. Page . are producing, processing, distributing and consuming food. all kinds of technologies and urbanization, would not have. ?using technology foresights for identifying future skills needs This deliverable is produced as a component of the research work conducted . foresight, technology assessment (TA), economic assessment and impact assessment). the publication of an article for a special issue of Science and Public Policy on 3 WHO refer to Food Risk Analysis as "a process consisting of three Images for Future Impacts of Biotechnology on Agriculture, Food Production and Food Processing: A Delphi Survey (Technology, Innovation and Policy (ISI)) The research was carried out at the Department of Science, Technology and. Society Energy efficiency in non-energy intensive manufacturing sectors. .. originating from agriculture into both food and non-food commodities. .. future trends and policy implications. . shows a detailed survey of different methodologies.