

RESEARCH AND INNOVATION ACTIONS

BBI 2016.R1 - Valorisation of the organic content of wastewater as feedstock, contributing to the renewable circular economy

BBI 2016.R2 - Develop consolidated bioprocesses for direct fermentation into bio-compounds for chemicals and materials

BBI 2016.R3 - Improve control over microorganism growth in bio-catalysis operations in order to reduce/avoid contamination without antibiotics

BBI 2016.R4 - Flexible biorefining technologies able to handle different feedstock, leading to new value chains or enlarging existing ones by using the same processing plant

BBI 2016.R5 - Advanced biomaterials for smart food packaging

BBI 2016.R6 - Bio-based alternatives to improve protection of human health and the environment

BBI 2016.R7 - Biopolymers with advanced functionalities for high performance applications

BBI 2016.R8 - Emerging technologies for conversion of the organic content of Municipal Solid Waste and improving waste-to-chemicals value chains

BBI 2016.R9 - Exploiting algae and other aquatic biomass for production of molecules for pharma, nutraceutical, food additives and cosmetic applications

BBI 2016.R10 – Industrial biotransformation for the production of bio-based chemicals

BBI 2016.R11 – Recover and reuse enzymes to reduce costs of existing industrial processes

BBI 2016.R12 - Emerging technologies for separation and purification of fermentation products to obtain high grade bio-based molecules at industrial level

INNOVATION ACTIONS – “DEMONSTRATION” ACTIONS

BBI 2016.D1 - Improve sustainability of value chains based on forest biomass and increase productivity and profitability on supply side by adapting forests to climate changes

BBI 2016.D2 – Improvement and adaptation of industrial crop varieties and novel sources of biomass to diversify biomass feedstock for biorefineries

BBI 2016.D3 - Valorisation of lignin and other side-streams to increase efficiency of biorefineries and increase sustainability of the whole value chain

BBI 2016.D4 - New and optimised biorefinery approaches enabling the creation of local value chains in underdeveloped or unexploited areas

BBI 2016.D5 – Bio-based polymers/plastic materials with new functionalities for medical, construction, automotive and textile industries

BBI 2016.D6 - Valorisation of the organic content of Municipal Solid Waste and contributing to the renewable circular economy

BBI 2016.D7 - Optimise technical production routes to bio-based chemicals in bio- or chemo- catalytic processes

BBI 2016.D8 - New sources of proteins for animal feed from co-products to address the EU protein gap

BBI 2016.D9 - Biomass production on unused land for conversion into added-value products while ‘boosting rural and industrial development’

INNOVATION ACTIONS – “FLAGSHIP” ACTIONS

BBI 2016.F1 - Valorisation of by-products or waste-streams from the food processing industry into high added-value products for market applications

COORDINATION AND SUPPORT ACTIONS

BBI 2016.S1 – A roadmap for the chemical industry to a bioeconomy

BBI 2016.S2 – Bioeconomy related open access research infrastructure and assessing its capabilities for industry driven development projects

BBI 2016.S3 – Open-innovation Platform strengthening cooperation and joint development of bio- based industries and downstream sectors

BBI 2016.S4 – Clustering and networking for new value chains