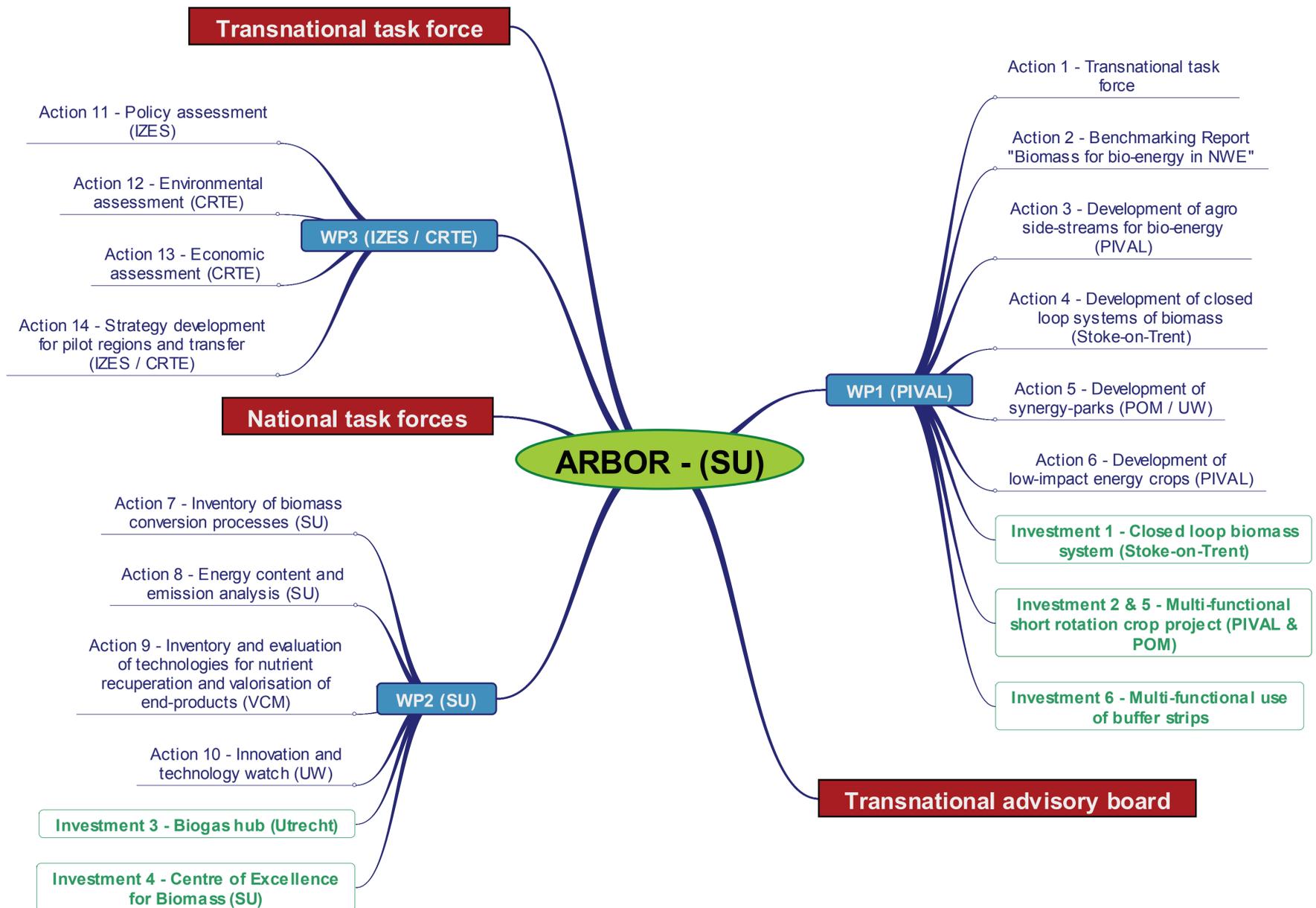


The ARBOR project aims to foster and accelerate the development and the use of biomass in North West Europe to facilitate the sustainable achievement of 2020 energy objectives and to make the EU a world-class centre for Biomass utilisation. This is realised through the following objectives:

1. To improve the sourcing of biomass materials in NWE (WP1 – production, collection and preparation of biomass material)
2. To improve efficiency of biomass conversion processes (WP2 – conversion and utilisation of biomass to energy)
3. To improve regional capacities for biomass utilisation in NWE (WP3 - socio-economic strategy to improve the biomass supply chain)



This project is unique in that it is looking at the whole biomass energy supply chain from manufacturing to energy production. Previous EU projects on biomass have been focused on one element of biomass, and development of new technological innovations or market exploitation of technology. This project emphasises on improving the implementation of technology available into sustainable supply chains. This proposal and the work packages are designed to deal with all aspects of biomass from the "cradle to the grave", providing a holistic approach to deliver a template methodology for greater biomass utilisation. It will focus on improving existing and new technologies through a series of pilot projects. The proposal considers 'untraditional' sources of biomass which have previously been considered unsuitable for exploitation due to economic/political/environmental reasons, which require further investigation in the current changing climate and fuel price fluctuations. This novel and panoramic view of biomass will be delivered through a thorough review of all aspects of the biomass lifecycle, considering political, legal, technological and social implications which, in itself, will be a unique resource.

Partners:



Contact
 website: www.arbornwe.eu
 email: arbor@staffs.ac.uk
 tel: +44 (0)1785 353565