

A holistic approach to optimise production efficiency, environmental footprint, health and welfare of dairy cows.

The approach considers both state-of-the-art genomic selection and management strategies.

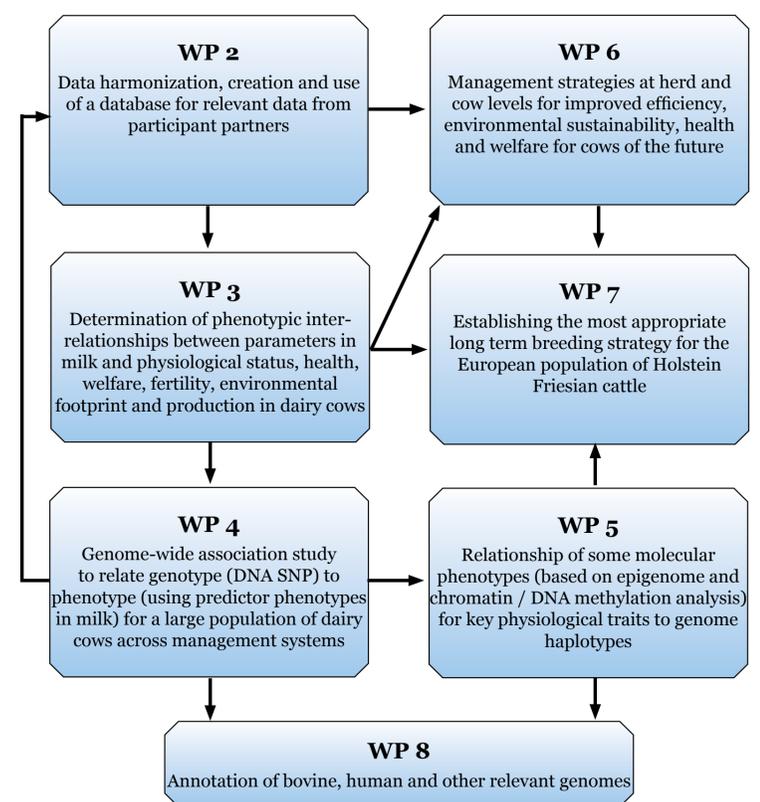


The GplusE project started in January 2014 and will end in December 2018. It is coordinated by Prof Mark Crowe, University College Dublin, Ireland.

Total budget is 11.6 million euros, of which 9 million are provided by the European Union's Seventh Framework Programme [FP7/2007 – 2013] under grant agreement n° 613689.

What we will do

- ✓ Develop and validate new, easily-measured phenotypes that can supplement or correlate with and replace traditional phenotypes.
- ✓ Identify novel genomic markers, including causative mutations, for the key phenotypic traits.
- ✓ Generate ENCODE-like data for the bovine as a public resource.
- ✓ Build and validate an appropriate management blueprint based on Hazard Analysis & Critical Control Point (HACCP) and Evolutionary Operations (EVOP) principles.
- ✓ Develop new breeding and management strategies.



Who we are

The GplusE consortium involves academic and industry partners from 6 EU countries together with the USA and China to allow access to a range of Holstein sub-types kept under both pasture-based and indoor intensive dairy systems

