

# ENGL- The European Network of GMO Laboratories



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## Introduction:

The European Network of GMO Laboratories (ENGL) was founded on the 4th of December 2000. At present 72 laboratories from 25 EU states plus Norway are officially registered ENGL members. The legal basis of the ENGL is Regulation (EC) No. 1829/2003 on genetically modified food and feed. All laboratories and delegates are nominated by the competent authorities of the member states. All laboratories are assigned with official food/feed/seed control in the GMO sector. The ENGL is chaired by the Joint Research Centre (JRC) represented by its Institute of Health and Consumer Protection, Biotechnology & GMOs Unit. The work of the ENGL is supported by a Steering Committee (SC) which coordinates and prepares decisions of the ENGL. Each country is represented by one delegate in this SC.

## Main tasks and activities of the ENGL:

- forming a scientific and technical European Union network in the context of EU GMO regulation
- contribute to the European standardisation and harmonisation of methods for sampling, detection, identification and quantification of genetically modified organisms and derived products covering seed, grains, food, feed and environmental samples
- performing validation studies in the context of the authorisation process
- defining performance criteria for GMO detection methods provided by applicants for GMO authorisation
- technology/information exchange between active members
- supporting the Community Reference Laboratory (CRL) in its activities
- development of methods for qualitative and quantitative GMO analysis
- initiation of research programs
- working groups for sampling, threshold, validation, reference material, decision tree (how to decide in complex analytical situations)

## Projects: (selection)

### ENGL Molecular Register

The ENGL Molecular Register is a collaboration with the National Research Council (CNR), Italy and the RKI, Germany. This molecular register shall contain all the molecular details of the EU-approved GMOs and the necessary on-line tools to analyse those sequences (restricted access). It is organised around a central database storing the GMO molecular details including elements on the associated detection method.

### ENGLnet:

The ENGL member intranet (restricted access) shall serve as a collaboration tool and central point for the exchange of common information among all ENGL members and members of the SC.

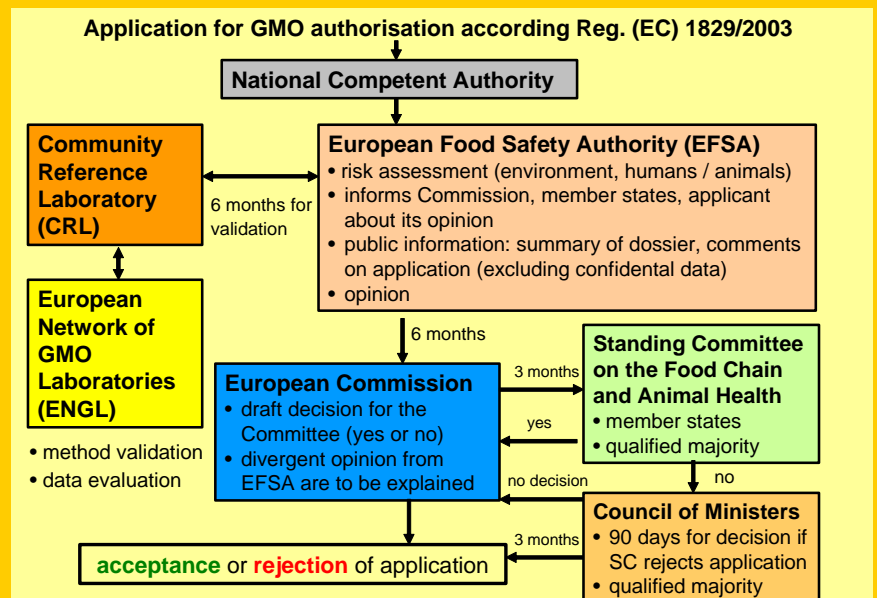
### Plasmid project:

Establishing a collection of plasmids that contain cloned amplicons relevant for qualitative and quantitative GMO analysis in food and feed control. The plasmids shall serve as control samples independent of the availability of reference material produced from dried plant material.

### Web:

ENGL: <http://engl.jrc.it/>; CRL: <http://gmo-crl.jrc.it/>

## The ENGL in the European context:



## Five ENGL delegates of Germany:

- Hans-Jörg Buhk, RKI, Berlin, [hans-joerg.buhk@bvl.bund.de](mailto:hans-joerg.buhk@bvl.bund.de)
- Hermann Broll, BfR, Berlin, [h.broll@bfr.bund.de](mailto:h.broll@bfr.bund.de) (SC)
- Norbert Hess, BWG, Hamburg, [norbert.hess@hu.hamburg.de](mailto:norbert.hess@hu.hamburg.de)
- Sven Pecoraro, LGL, Oberschleißheim, [sven.pecoraro@lgl.bayern.de](mailto:sven.pecoraro@lgl.bayern.de)
- Klaus Pietsch, CVUA, Freiburg, [klaus.pietsch@cvuaf.bwl.de](mailto:klaus.pietsch@cvuaf.bwl.de)