- All Actions
- Biomedicine and Molecular Biosciences (BMBS)
- Chemistry and Molecular Sciences and Technologies (CMST)
- Earth System Science and Environmental Management (ESSEM)
- **Food and Agriculture (FA)**
  - In Detail
  - **Actions**
- Forests, their Products and Services (FPS)
- Individuals, Societies, Cultures and Health (ISCH)
- Information and Communication Technologies (ICT)
- Materials, Physics and Nanosciences (MPNS)
- Transport and Urban Development (TUD)
- Trans-Domain Proposals

FA COST Action 840

Bioencapsulation innovations and technologies

Descriptions are provided by the Actions directly via e-COST.

The main objective of the Action was to develop the bioencapsulation methods in view of their transfer and development in agricultural and industrial applications. Implementing new bioencapsulation methods and processes requires vast interdisciplinary knowledge and expertise and consequently collaboration among laboratories is essential.

The results of this Action have mainly been gathered and spread through their website. The website was developed to collect datasheets on different materials and bibliographical references.

Round robins were organised to send to the participants microcapsules, prepared in different research groups, to evaluate the microcapsules in function on their permeability and mechanical resistance.

All the information obtained via the website and in the round robins was brought together and unified and then rules were defined to apply realistically and efficiently bioencapsulation to agriculture and industrial applications. This includes classification of microencapsulation technologies.

Spreading of the information and results was through the website by giving access to protocols and datasheets as a sort of Technological Encyclopedia on bioencapsulation.

The members realised in cooperation 42 papers on different subjects of the COST Action and 9 EU-projects were approved and were started up by the participants during this COST Action.

Food and Agriculture COST Action 840

- **Description**
- Parties
- Management Committee

General Information*

Chair of the Action:
Prof. Denis PONCELET (FR)

Science officer of the Action:
Wolfgang OBERT

Administrative officer of the Action:
Barbara BOTTIAU

Downloads*

Action Fact Sheet
Download AFS as .RTF

Memorandum of Understanding
Download MoU as PDF

Progress Report
Download Progress Report as PDF

Websites*

Action website:
http://www.meurice.ubt.be/STSM.html

Domain website:
http://www.cost.eu/fa

* content provided by e-COST.
Data is synchronised once per night.