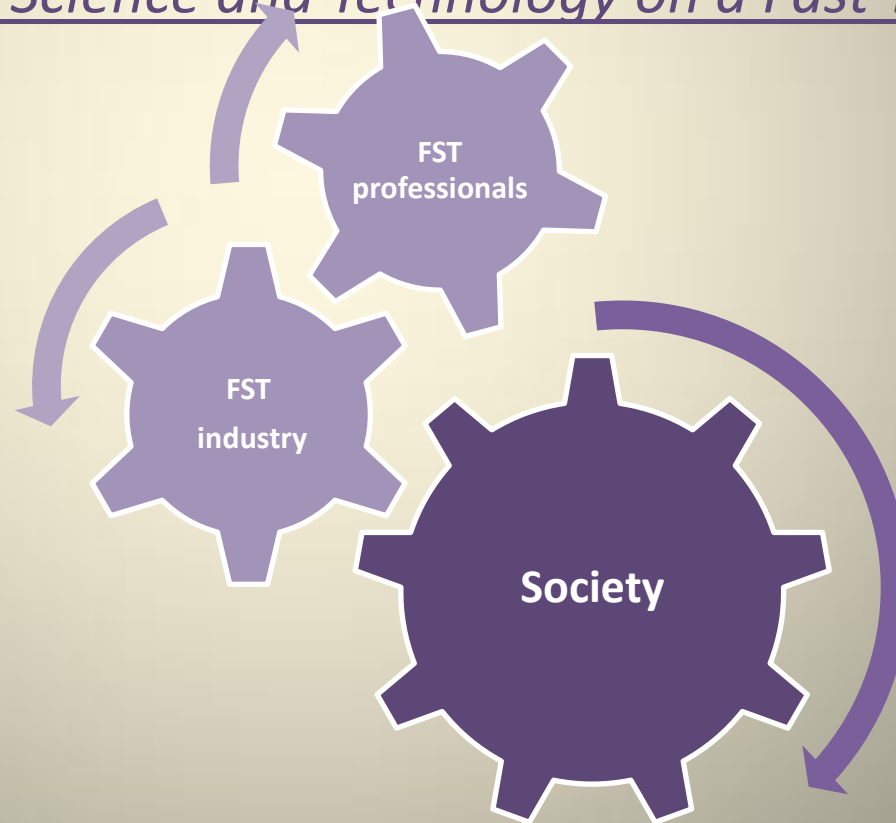


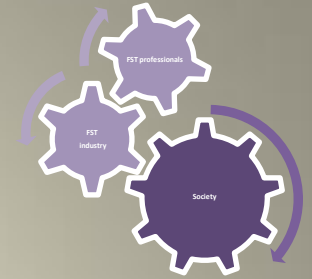
Training Requirements And Careers for Knowledge-based Food Science and Technology in Europe

TRACK_FAST

FP7 KBBE 227220

Europe's Food Science and Technology on a Fast Track

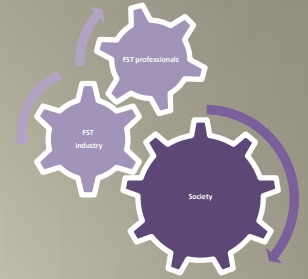




Objective

“Identification of the training and career requirements of future European food scientists and technologists (FST), and implementation of a European strategy to recruit the next generation FST leaders”.

- ✓ Identification and definition of personal skills requirements in food job market (WP1).
- ✓ Developments for the regulation of food science and technology professions in Europe (WP2).
- ✓ Establishment of a framework for continual professional training and career development for the FST professional (WP3).
- ✓ Motivation of young people to enter and pursue of a career in food science and technology in Europe (WP4).

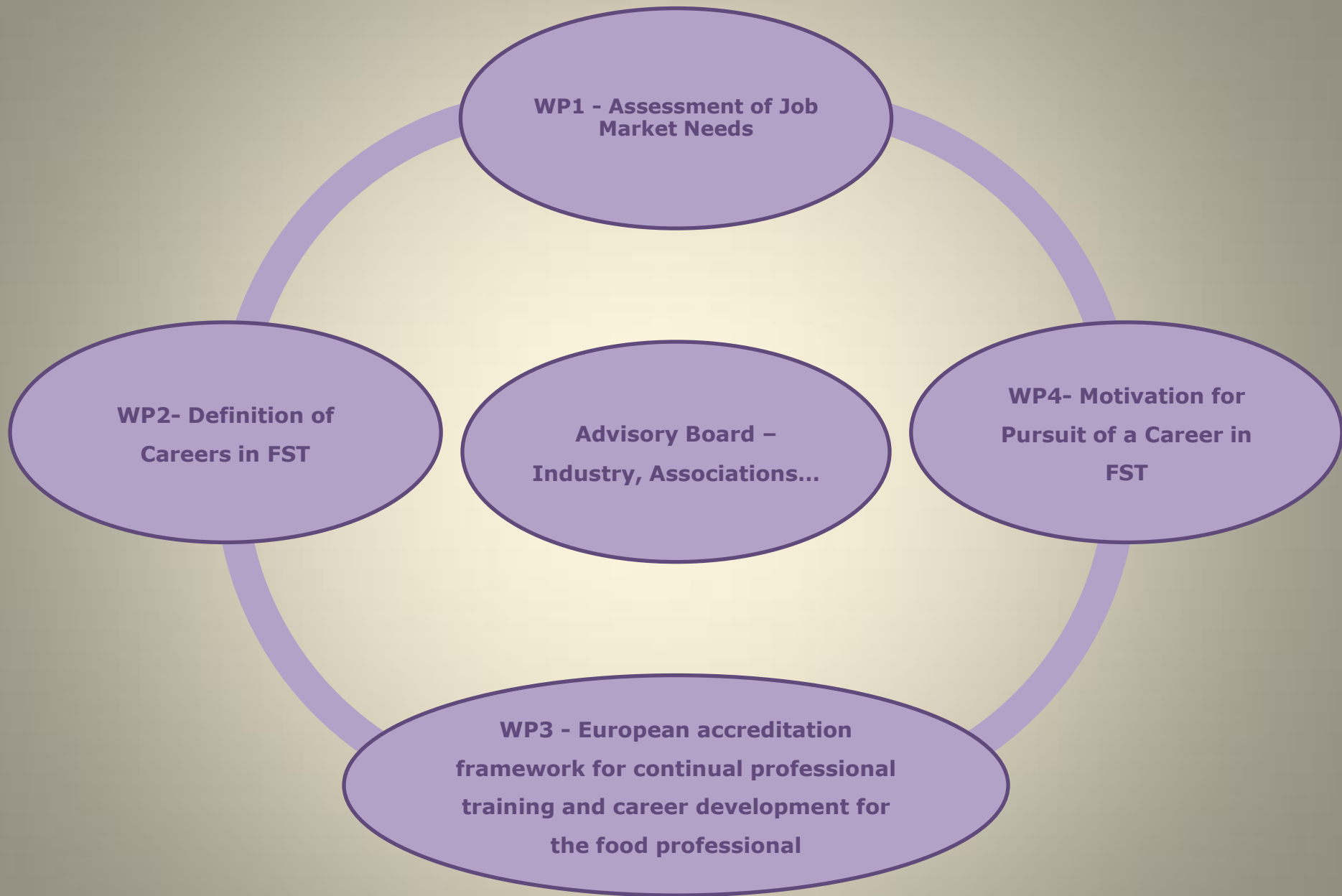


TRACK_FAST will provide main stakeholders with a forum within which their main needs will be considered

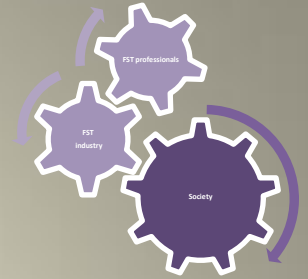


TRACK_FAST brings together:

- ❖ representatives of European and national professional organisations,
- ❖ research centres,
- ❖ academic bodies,
- ❖ multinational companies,
- ❖ SME associations,
- ❖ associations specialized in training members for the food industry,
- ❖ quality assurance experts.



WP1 - Assessment of Job Market Needs



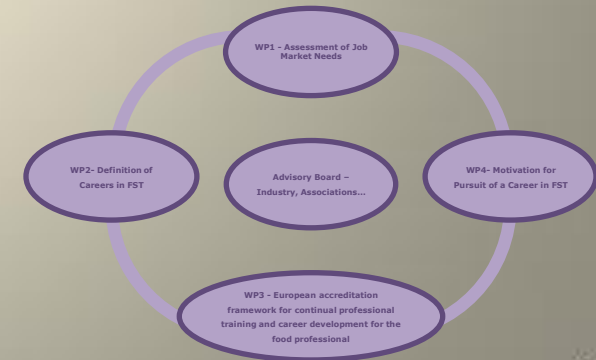
Objective

Identification and definition of personal skill requirements in food job market.

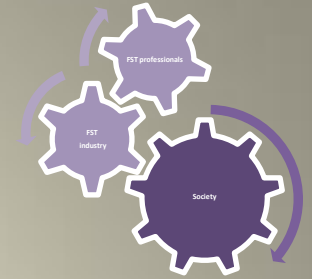
- 1) *Which competencies should a FST have to be competitive in the job market and to provide the skills needed by employers? and*
- 2) *How and when should these competencies be acquired?*

The main objective can be broken down into the following three objectives:

- ✓ Assess the current job market for food scientists and technologists (FST) in Europe.
- ✓ Identify ideal FST competencies and how and when should these competencies be acquired?
- ✓ Prepare ground work for WP2 and WP3 (1)



WP1 - Assessment of Job Market Needs



Tasks

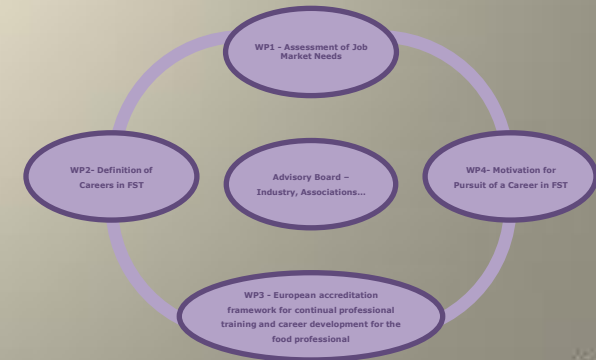
Task 1.1. Review of the Needs of Current European FST Employers

This Task will *collect data on the requirements of current FST employers throughout the EU*. Questionnaires will be developed for each segment and will be distributed by post and internet.

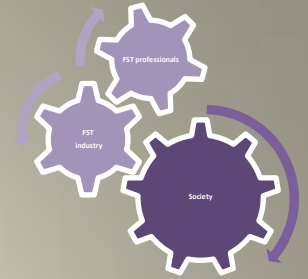
Task 1.2. Organisation of Brainstorming Workshops

Coordinators will present a series of PowerPoint presentations that outline the current FST situation in the EU and local representatives will participate in Group Works and complete questionnaires.

Task 1.3. Summary of Brainstorming Workshops



WP2- Definition of Careers in FST



Objective

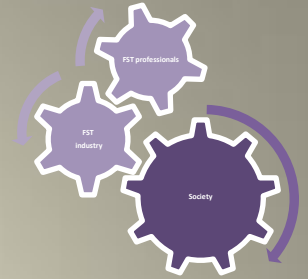
To promote *Developments for the regulation of food science and technology professions in Europe.*

This main objective can be broken down into the following four objectives:

- ✓ Examine and determine regulation aspects in the food profession,
- ✓ Producing recommendations for the regulation of food professions.
- ✓ Establish existing FST career paths; and evaluate the influence of training
- ✓ Evaluate if actual career paths meet the actual European job market needs.



WP2- Definition of Careers in FST



Tasks

Task 2.1. Analysis of current related regulated professions

A critical analysis of the current related regulated professions in Europe (food technologist, food inspector, etc.) will be carried out to provide evidence of social recognition, salary and professional attractiveness, and aspects to be taken into account when regulation is prepared.

Task 2.2. Recommendations for food professions regulation under WP3

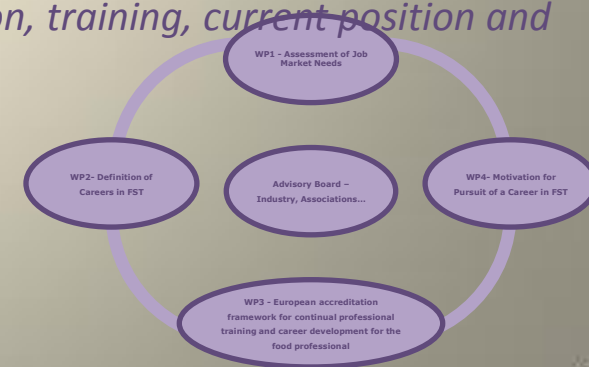
Recommendations will be outlined for the regulation of food professions: which professions, which qualifications, which assessment and other perceived relevant aspects.

Task 2.3. Mapping career paths

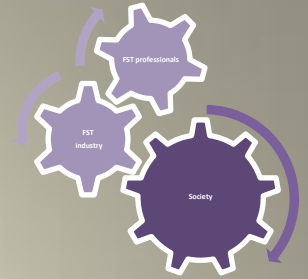
A widespread inquiry to FST professionals trying to assess their education, training, current position and salary - measuring the importance of training in FST careers.

Task 2.4. Comparison of actual with recommended career paths

Are employers getting the right employees?



**WP3 - European accreditation
framework for continual professional
training and career development for
the food professional**

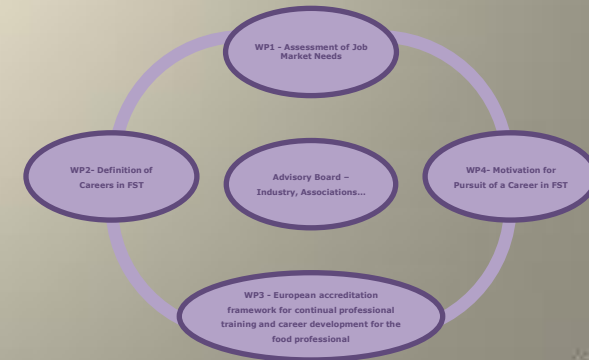


Objective

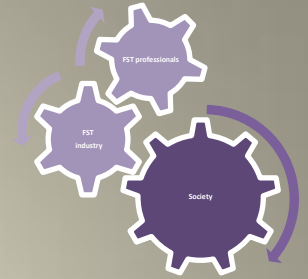
Establish a framework for continual professional training and career development for the FST professional.

This objective can be broken down into the following specific objectives:

- ✓ Provide guidance on FST professional Continual Professional Development
- ✓ Establish an European network for Continual Professional Development
- ✓ Prepare Europe's food Industry workforce for the up-coming challenges of the industry
- ✓ Improve the social recognition of FST professionals



WP3 - European accreditation framework for continual professional training and career development for the food professional



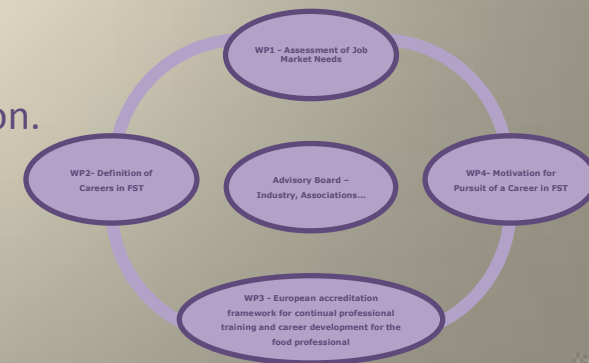
Tasks

Task 3.1. The Continual Professional Development (CPD) Portfolio for food professionals in Europe
This task aims to provide guidance on continual profession development

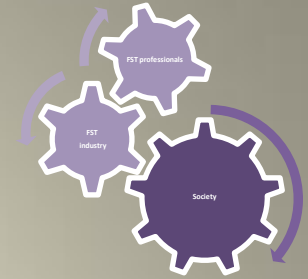
Task 3.2. An European network for continual professional training and career development for the Food Professional
A social networking portal will be developed for bringing together resources and organisations for continual professional development.

Task 3.3. An European Certification Scheme for Continual Professional Development (CPD) for the Food Professional
A certification scheme for Continual Professional Development programmes.

Task 3.4. Food Professional titles
Proposal of a framework for an European-wide regulated food profession.



WP4- Motivation for Pursuit of a Career in FST

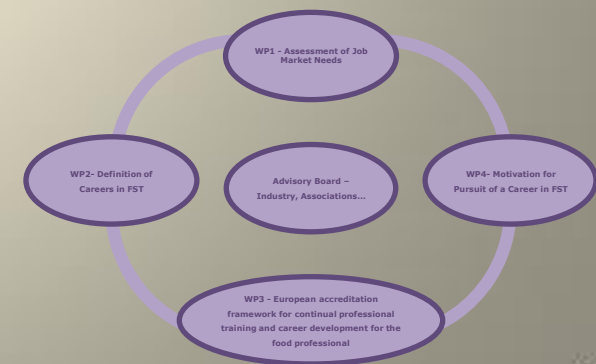


Objective

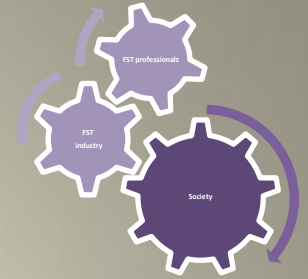
Motivate young people to enter and pursue of a career in food science and technology in Europe.

This objective can be divided into three objectives:

- ✓ Evaluate the current practices for attracting students for a career in FST
- ✓ Make FST careers and Food Industry more attractive for the youngsters
- ✓ Use of ICT to attract the future FST leaders



WP4- Motivation for Pursuit of a Career in FST



Tasks

Task 4.1. Organise a Best Practice Session at the Project Kick Off

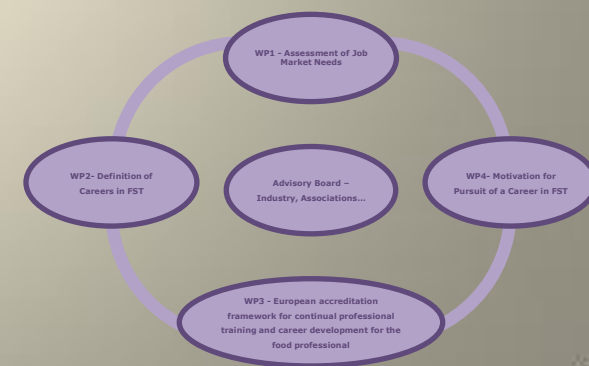
To come to a European strategy in attracting new high-school students a session of the Kick Off meeting will be organised for all partners and other relevant parties in Europe.

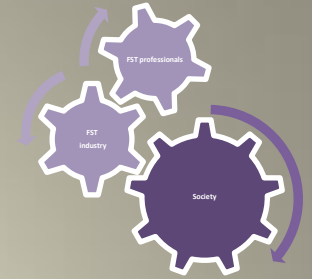
Task 4.2. Collect and make available materials targeted at young

Creation of a portal for different sub-activities, such as games and videos, teaching packages used in high-schools , ...

Task 4.3. Collection and development of ICT materials to attract students to FST.

Interviews with present students, graduates and the work environment placed on relevant sites, such as You-Tube, My Space and the project site.





TRUE European Dimension

Partners

Silva, UCAPOR.ESB (Portugal)

Abram, UL BF (Slovenia)

Ahrné, SIK (Sweden)

Bosch, FEVIA (Belgium)

Brocas, ainia (Spain)

Costa, ESAC (Portugal)

Dumoulin, AGROPARISTECH (France)

Fenwick, (UK)

Fito, UPVLC (Spain)

Göğüş, UG (Turkey)

Hartemink, EFFoST (Neatherlands)

Vaz Velho, IPVC (Portugal)

Ho, Leeds (UK)

Knorr, TUB (Germany)

Komitopoulou, LFI (UK)

Lakner, CUB (Hungary)

Oreopoulou, NTUA (Greece)

Pittia, UNITE (Italy)

Popa, USAMVB (Romania)

Queiroz, FIPA (Portugal)

Rosa, UNIBO (Italy)

Schleining, BOKU (Austria)

Schleining, IFA (Austria)

Venskutonis, KTU (Lithuania)

Verhé, Ugent (Belgium)

Wasser, ASIIN (Germany)

Wirtanen, SAFE (Belgium)

Zilliacus, KI (Sweden)

Zwijgers ,UNILEVER (Neatherlands)