



EURL FOR PESTICIDE RESIDUES IN FRUITS AND VEGETABLES (EURL-FV)

Activity Programme 2012

Abbreviations used in this document

LAGV: Pesticide Residue Laboratory Agro-Food Analysis Service. GENERALITAT VALENCIANA

UAL: Pesticide Residue Research Group. UNIVERSITY OF ALMERÍA

ADVG: Advisory Group

QC: Quality Control

FUNCTIONS AND DUTIES

The functions and duties of the European Commission Reference Laboratory are described in Article 32 of the EU Regulation No 882/2004.

These functions and duties together with the Additional Specifications are gathered together into four groups of activities (A, B, C and D) as follows:

- A. **General tasks**
Estimated time breakdown of all activities: 12 %.

- B. **Development and validation of analytical methods including EU Method Validation Document**
Estimated time breakdown of all activities: 35 %.

- C. **Quality assurance and quality control programmes; including the organisation of Proficiency Tests and Intercomparative Studies**
Estimated time breakdown of all activities: 37 %.

- D. **Technical and scientific support to the European Commission, EU Member States and Third Countries including the organisation of Courses and Workshops**
Estimated time breakdown of all activities: 16 %.

2012 Activity Programme.



The four groups of activities mentioned above are developed into different tasks distributed as follows:

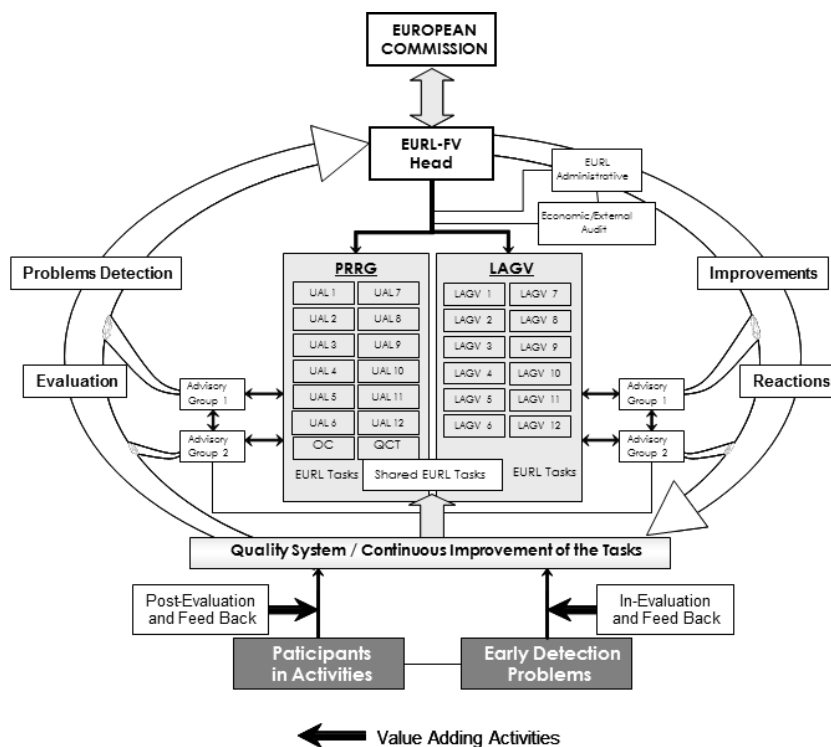
A - GENERAL TASKS.

A1. Management of administrative duties.

The Quality System (QS) implemented will continue overseeing, controlling and reporting upon the activities, ensuring they are executed at the right time and in the correct way. It will also make sure that the budget is properly allocated. The QS will supervise all meeting minutes and will keep a summary of all documents ready for external audits. Continuous evaluation/improvement of the quality of the service deliveries will be a must and corrective actions will be taken in case of low quality service as well as low satisfaction in their delivery. Evaluation sheets as feedback from NRLs and Official Laboratories will be presented to the European Commission when requested, as well as questionnaires for each Proficiency Test. These EURL quality control activities have been established by the management cycle represented in the scheme (see Fig 1).

The Observatory Panel Coordinator (OC) role will be to assess the cooperation between the four EURLs dealing with pesticide residues; collaboration with laboratories responsible for food analysis in third countries; harmonization of approaches among the NRLs as well as preparation and publication of technical reports. Finally, the OC will give responses to the formulated questions in the QC Panel. This coordination task will be performed via continuous phone contact, e-mail and the EURL home page, specially through the QC Panel (see task A2). Delivery of reports listed below will be carried out after each task ends (see tasks: A4, B1, B2, C1, C2.1, C2.2, C2.3, C3, D1, D2, D3, D4, D5, D6 and D7).

Fig. 1 – The Quality and Continuous Improvement System of EURL Tasks



Estimated time breakdown of all activities: 2 %

Responsible: UAL1, UAL 2, LAGV2, OC

Deliverables: 1 Financial Report, 1 Technical Report

Quality System: Economic auditing at the end of the year.

Duration: Full time

A2. EURL-FV home page:

The dedicated website designed to support dissemination of information and network activities created will be continuously updated (<http://www.eurl-pesticides.eu>). It represents the main source of information exchange between the EURLs and the NRLs as well as other official EU laboratories and third countries concerning main imports to EU. This web site allows a real time dissemination of all the activities being developed, each alongside the other. The website holds information about the activities and events carried out by the EURL as well as those published reports available and scientific papers. It also holds forms, sheets and other documents ready to fill out on-line thus facilitating the management tasks and quality monitoring and straight links to other relevant web sites. Evidence printed documents will be kept of each form filled out and sent.



**EURL FOR PESTICIDE RESIDUES IN FRUITS AND VEGETABLES (EURL-FV)
2012 Activity Programme**

Furthermore, the website aids contacts (via specific links) between laboratory researchers and experts providing a valuable tool for dissemination. The website includes different sections, each one corresponding to the activities of the EURL in addition to links to the other three EURLs, the NRLs and to related organisations. Constant collaboration between the EURL-FV and the EURL-web site management is a must.

The service of stock standard solutions will continue being offered through this EURL-FV web site to NRLs and official laboratories so update validation of the laboratory methods is achieved.

Forms and related documentation for NRLs and official laboratories to conduct EUPT-FV will be uploaded in a specific webpage designed by the EURL-FV (www.eupt.es) and linked to the EUPT-FV area, where any news or next step to follow will be found quickly at the same place. Information submission procedure for EUPT-FV will be performed on-line being maintained for constant improvement. A guide for results submission will be created in order to help the user and to avoid mistakes. This must ensure that the procedure for laboratories to report results is easy and fast, that no confusion arises and results can be handled in real time. Furthermore, the QC Panel hanged from the main EURL website will allow the laboratories to consult the new SANCO/10684/2009 version Document. Moreover, laboratories will be able to request further information on any new aspect in the Document not clear for them. The site will still be useful collecting information given by laboratories on the document for future revisions. This website will be coordinated with the other EURLs.

Continuously database creation will be carried out on the EURL-FV web page updating the existing ones and creating new ones.

The pesticide screening methods database will be constantly updated including new accurate mass data of pesticides and their fragments. EUPT-FV results database will also be updated with the new EUPT-FV results where each laboratory will be able to see at a glance its performance throughout the years.

In cooperation with the EURL-SRM, the database on authorised pesticides in third countries having high exportation to Europe such as Turkey, Egypt, Chile, Brazil and Morocco as examples will be updated.

Estimated time breakdown of all activities: 3 %

Responsible: UAL1, UAL2, UAL4, UAL9, OC

Deliverables: 1 EURL-FV Home Page

Quality System: Web-page and Forum



Duration: 1 month for major changes and continuous updates throughout the year

A3. Publication of technical reports and scientific papers:

The results of the activities listed below with points B1, B2, C1, C2.1, C2.2 and C2.3 will be published as technical or scientific documents, depending on the publishing and editorial company. Then the most relevant will be disseminated through the EURL-FV web site, (www.eurl-pesticides.eu) making them available for interested members of the scientific community. These actions will always be taken with the express agreement of the European Commission. This task will be focused on the preparation of the correct formats, supervision of the participant authors, objectives and conclusions, submission of the documents, reception and correction of the gallery proofs and communication of their submission to the European Commission.

Estimated time break-down of all activities: 4 %

Responsible: UAL1, UAL2, UAL3, UAL4, UAL5, UAL6, UAL7, UAL8, UAL9, UAL10, UAL11, UAL12, LAGV 1, LAGV2

Quality System: Web-page

Duration: Throughout the year

A4. Development of bilateral cooperation with other organisations:

Information of mutual interest will be exchanged between the EURL and EFSA, CCPR (CODEX), JMPR (FAO-OMS) etc., with a view to possible joint projects or to present relevant information/data with the express agreement of the European Commission and/or assisting the European Commission as circumstances are requested.

Estimated time breakdown of all activities: 2 %

Responsible: UAL1, LAGV1

Deliverables: 1 Report about bilateral activities

Duration: Throughout the year



B - DEVELOPMENT AND VALIDATION OF ANALYTICAL METHODS INCLUDING EU METHOD VALIDATION DOCUMENT.

B1. Development of validated procedures. Development of MRM for herb's matrices and screening methods for pesticide residues in feed.

In order to facilitate the laboratories work, new MRMs will be developed and validated by the EURL-FV, as well as novel procedures of analysis for herb's matrices. In the same way, the EURL-FV will develop methods using screening techniques in a collaborative project with the EURL-SRM, AO, and C to determine pesticides in feed.

Estimated time breakdown of all activities: 16 %

Responsible: UAL1, UAL3, UAL4, UAL5, UAL8, UAL10, UAL11, UAL12

Participation of EU Advisory Groups: ADVG1

Deliverables: 1 Report on the update of the MRMs in EU + 1 Scientific Paper

Quality System: Advisory Group Meetings

Duration: Throughout the year

B2. Improvement of already existing analytical multiresidue methods

Recoveries obtained in typical method validation experiments where pesticides are spiked to sample homogenates in the lab, do not necessarily reflect the extractability rates achieved for incurred residues (resulting from the application of pesticides during crop production). Incurred residues are not always easily accessible as they may be enclosed in cells or wax particles or may have even undergone strong non-covalent interactions with matrix sites. To achieve quantitative extraction, sample preparation should ensure that all residues are accessible and transferable to the extraction solvent.

The EURL-FV and SRM will collaboratively optimize the extraction time for residues of so-called multi and single method pesticides from fruit and vegetable matrices. Past EUPT-FV and SRM test materials, as well as real samples, will be used for this study.

B2.1. Ethyl Acetate, Luke's and QuEChERS Extraction Procedures for multiresidue methods either for difficult matrices or for difficult pesticides amenable to MRMs.

The EURL-FV will modify the mostly used multiresidue extraction methods (Ethyl Acetate, Luke's and QuEChERS procedures) in order to be able to apply them for difficult matrices or for difficult pesticides.



Estimated time breakdown of all activities: 10 %
Responsible: UAL1, UAL3, UAL4, UAL8, UAL10, UAL11, UAL12, LAGV1, LAGV2, LAGV3, LAGV4, LAGV5, LAGV6, LAGV7, LAGV8, LAGV9, LAGV10, LAGV11, LAGV12
Participation of EU Advisory Groups: ADVG1
Deliverables: 1 Technical Report + 1 Scientific Paper
Quality System: Advisory Group Meetings
Duration: 4 months

B2.2. Update of MRM with the new pesticides included in Reg. (EC) No. 1107/2009 and in the Coordinated Multiannual Community Control Programme.

As this Directive is constantly being updated, together with the new Regulation that will supersede it, the EURL-FV will include the validation data of the new pesticides involved as well as those included in the Coordinated Multiannual Community Control Programme on the EURL-FV web site so laboratories can update their methods with new pesticides being authorised or approved.

Estimated time breakdown of all activities: 10 %
Responsible: LAGV1, LAGV2, LAGV3, LAGV4, LAGV5, LAGV6, LAGV7, LAGV8, LAGV9, LAGV10, LAGV11, LAGV12
Deliverables: 1 Technical Report
Quality System: Advisory Group Meetings
Duration: 1 month

C -QUALITY ASSURANCE AND QUALITY CONTROL PROGRAM, INCLUDING THE ORGANISATION OF PROFICIENCY TESTS AND INTERCOMPARATIVE STUDIES.

C1. Quality Control Panel covering EU Guidelines on Quality Control Procedures and EU coordinated monitoring programs:

In order to continue the process of achieving complete harmonisation measures for pesticide residue analysis within the EU, the SANCO guideline needs to be revised and updated on continuously basis, especially when any difficulties arise. Therefore, the aim is to carry on with the specific forum (QCP) on the EURL-FV website so as to facilitate the discussion and to point out difficulties and improvements on the EU QC guidelines and EU coordinating monitoring programmes. This network will provide interaction among EURLs-NRLs-official laboratories as well as enforce the EU coordinated programmes. The outcome of the discussion in this specific forum will improve and facilitate further updating revisions of the EU QC Guidelines as well as the EU coordinated monitoring programme. The EURL-FV will be in charge of revising the new version of SANCO guidelines: SANCO/XXXX/2011. To give transparency to the process, an external



EURL FOR PESTICIDE RESIDUES IN FRUITS AND VEGETABLES (EURL-FV) 2012 Activity Programme

coordinator expert (OC), working in previous guideline documents, will task with the compilation and collection of information to get better and more specific information. Its work will be in combination with the four EURL topics.

Estimated time breakdown of all activities: 2 %

Responsible: UAL1, UAL2, UAL4, UAL9, LAGV1, OC

Participation of EU Advisory Groups: ADVG2

Deliverables: Forum contact with laboratories and 1 EU QC Guidelines

Quality System: Advisory Group Meetings

Duration: Throughout the year

C2. Organisation and Development of Proficiency Tests and Intercomparative studies.

C2.1. Development and conduction of European Proficiency Test FV-14:

The EURL European Proficiency Test on fruits and vegetables 14, in accordance with previous schemes and statements (EUPT-FV-1-13) will be open to all official laboratories, especially the NRLs of EU Member States.

This EUPT will be carried out in a way which simulates, as far as possible, the real sample conditions that arrive to a laboratory on its routine work such as: the use of commercial formulations for pesticide treatment; homogeneity of intra-samples and the consideration of all classes/types of compounds. Furthermore, a "blank" sample will be provided in each EUPT to facilitate recovery control to the laboratories.

The treated sample will be sent to the participants for analysis of the present pesticides using their multiresidue methods.

Participants will be able to follow the exercise in real time and receive documents and instructions through the specific section of the EURL website (see activity A2).

Each participant will receive a detailed electronic report, which will allow the laboratories to interpret their results and also to identify possible sources of procedural errors.

A final report summarising the scope, results, data treatment and additional information of the methods used will be prepared and made available to every participant laboratory.

Additionally, a critical evaluation on a laboratory-basis and on a country-basis will be prepared and made available to the NRLs and the European Commission in the shortest time possible after completing the last stage of the exercise.

In this test low concentration and illegal/misused pesticides will be included in the sample treatment.



The whole organisation of the EUPT will be very similar to that of the previous EUPTs performed by the EURL-FV.

This Proficiency Test will be based on the Quality Control Norm ISO/IEC 17043: Conformity assessment - General requirements for proficiency testing.

Estimated time breakdown of all activities: 17 %

Responsible: UAL1, UAL2, UAL5, UAL6, UAL7, UAL9, UAL10, UAL11, UAL12, LAGV2

Participation of EU Advisory Groups: ADVG1, ADVG 2

Deliverables: 1 Proficiency Test Report

Quality System: Post-evaluation (PT questionnaire)

Duration: 20 weeks (PT) and a final report five months afterwards

C2.2. EU Intercomparative Study on Mass Spectrometry Screening Methods 04.

The aim of this work is to promote the fast screening of a large number of pesticide residues in the EU control laboratories by using the new instrumental developments. By this way the scope of the methods in screening could achieve 500-700 compounds in a fast and low expensive way.

This intercomparative test, already conducted the last three years, will be based on the delivery of a matrix treated with 20 pesticides with not fixed target pesticide list so laboratories have to analyse (identify) it in full scan mode by one of LC-TOF-MSD, GC-Q-MSD or GC-TOF-MSD system, or using any other procedure that the laboratories have. The idea is to determine the presence of pesticides by using mass spectrometry screening methods developed by laboratories to evaluate their method capability. The laboratory has to submit the results in a short period of time after the reception of the samples (1 or 2 days). The aim is to validate these methods to be run fast and efficiently on routine basis by the laboratories.

Estimated time break-down of all activities: 12 %

Responsible: UAL1, UAL2, UAL3, UAL5, UAL6, UAL7, UAL9, UAL10, UAL11, UAL12, LAGV2

Participation of EU Advisory Groups: ADVG1

Deliverables: 1 Intercomparative Study Report

Quality System: Post-evaluation questionnaire

Duration: 12 weeks (PT) and a final report afterwards

C2.3. Maintenance of EU Proficiency Test to third countries:

The activity C2.1 will also include third countries, as has been the case of Egypt and Turkey, so quality assurance can reach them on the basis of the Proficiency



Test. These countries might be invited to take part after FVO mission recommendation and under request of the European Commission.

Estimated time break-down of all activities:

Responsible: UAL1, UAL2, UAL3, UAL4, UAL5, UAL6, UAL7, UAL8, UAL9, UAL10, UAL11, UAL12

Participation of EU Advisory Groups: ADVG1, ADVG 2

Deliverables: 1 Proficiency Test Report

Quality System: Post-evaluation (PT questionnaire)

Duration: 20 weeks (PT) and a final report afterwards

C2.4. Standard Solution Stock Service:

To facilitate the laboratories work, the EURL-FV considers very useful to offer them a stock solution service. Laboratories will be able to request pesticide solutions from our stock of standards. Upon request of the laboratories, a vial with a concentrated solution of the pesticide in the chosen solvent will be sent to the laboratories. Only the shipment will be charged.

Estimated time break-down of all activities: 3 %

Responsible: UAL1, UAL5, UAL7

Participation of EU Advisory Groups: ADVG1, ADVG 2

Duration: Throughout the year

C2.5. Contacting Standard Providers to decrease prices and higher the stock of less commercialize active substances.

The growing need for new standards of pesticides included in Reg. (EC) No. 1107/2009 and in the Coordinated Multiannual Community Control Programme leads to situations such as that some of the pesticides needed are not commercialized, or due to their low use they are sold at very high prices. For this reason, it can be of great help to contact standard providers in order to decrease prices and higher the stock of less commercialized active substances.

Estimated time break-down of all activities: 0.2 %

Responsible: UAL1, UAL5

Duration: Throughout the year

C2.6. Maintenance of “blank sample” Service.

One of the most common problems for the routine laboratories is to have “blank samples” to conduct matrix studies as well as to perform adequately method



validation. It is of especial interest for Multiresidue Methods due to the high number of compounds existing worldwide and so increasing the possibilities of matrix interactions. Therefore 'blanks' can be very helpful in developing mass screening methods helping to detect false positives. The objective of this service is to offer organic grown vegetables to the NRL and OfLs free of charge. Only delivery will be charged.

Estimated time break-down of all activities: 2 %

Responsible: UAL1, UAL2, UAL5, UAL6, UAL7, UAL9

Duration: Throughout the year

C3. Underperformance Evaluation (In cooperation with the other three EURLs)

The EURL-FV in cooperation with the other three EURLs will develop defined criteria to evaluate whether a laboratory has had underperformance in the EUPTs, and if so, this laboratory could be a potential attendee for activity D6.

Estimated time break-down of all activities: 2 %

Responsible: UAL1, UAL2

Participation of EU Advisory Groups: ADVG1

Deliverables: 1 Report

Duration: Throughout the year

D - TECHNICAL AND SCIENTIFIC SUPPORT TO THE EUROPEAN COMMISSION, EU MEMBER STATES AND THIRD COUNTRIES INCLUDING THE ORGANISATION OF COURSES AND WORKSHOPS.

D1. Joint Workshop with EURL-SRM and C organised in Cyprus

A joint workshop will be performed in Cyprus in collaboration with the EURL-SRM and C for the selected NRLs. The selection of the attendees will be made in agreement with the Commission considering the performance of the laboratories in previous PTs or Intercomparative studies. One member from each laboratory having taking part will be invited.

TO BE DEVELOPED BY THE EURL-SRM

Estimated time breakdown of all activities: 2 %

Responsible: UAL1, UAL2, UAL4, UAL10, UAL11, UAL12, LAGV1, LAGV2

Deliverables: 1 Report and feedback from participants

Quality System: Report to the Commission



Duration: Two days

D2. Specific training tailored to Screening Methods in Almeria.

The EURL-FV will organise a specific training on mass spectrometry screening methods aimed at EU laboratories, with the purpose to promote the fast screening of a large number of pesticide residues by using the new instrumental developments. The training will be held in Almería during a two days period of time.

Estimated time breakdown of all activities: 7 %

Responsible: UAL1, UAL2, UAL4, UAL5, UAL6, UAL9, UAL10, UAL11, UAL12, LAGV1, LAGV2

Deliverables: 1 Report and feedback from participants

Quality System: Report to the Commission

Duration: Two days

D3. Advisory Group Workshop.

As previous years, the two advisory groups (ADVG) will remain. These are made up of experts from various EU countries to assist the EURL in developing and providing an effective European dimension to their work plan.

The ADVG will be selected on the basis of (i) their experience and competence; more than 7 years in charge of pesticide residue analysis laboratories or sections and (ii) their communication skills and ability to work within international teams with more than 3 years experience of active participation in similar international activities. The selection of the people for the advisory groups will be carried out under the expressed agreement of the European Commission under DG SANCO agreement.

These experts will be, in most cases, people of the NRL laboratories, making them an essential tool in the EURL-NRL network.

The first advisory group (ADVG1) will be made of scientific-technical experts and will be devoted to Proficiency Tests, quality control programmes, quality assurance, inclusion of new pesticides, statistical data treatment and performance criteria related to these topics. The ADVG1 will meet with the EURL head staff once a year, at the end of all EUPTs, probably in October.

The second group (ADVG2) will be made of scientific-technical experts and will be devoted to assess on the EUPT development and other activities concerning the quality control. The ADVG2 will meet with the EURL head staff once a year.



The personnel belonging to the ADVGs will not receive any salary from their working time; only travel expenses, hotel and allowances will be reimbursed. (See European Commission Regulation (EU) No 1754/2006 for reimbursement).

Estimated time breakdown of all activities: 1.2 %

Responsible: UAL1, UAL2, UAL4, LAGV1, LAGV2, ADVG1, ADVG2

Deliverables: 2 Meeting Reports

Quality System: Advisory Group Meetings

Duration: 2.5 days meetings

D4. Assistance to the European Commission in the elaboration of a coordinated European Commission Monitoring Programme.

Assistance in the selection of the number of analyses, commodities and pesticide lists to be monitored by the Member States in agreement with Regulation 396/2005/CEE and amendings. Furthermore, this assistance will also be related to the analytical capabilities/requirements and performance criteria needed to carry out the coordinated European Commission Monitoring programme and will be linked to previous tasks (B and C). This activity will be covered by the submission of a technical report to the European Commission that includes all these considerations as well as by the communication of the criteria applied, promoting feed-back actions.

Estimated time breakdown of all activities: 0.5 %

Responsible: UAL1, UAL2, LAGV1, LAGV2

Participation of EU Advisory Groups: ADVG1, ADVG2

Deliverables: 1 Technical Report

Quality System: Feedback from the European Commission

Duration: 1 month

D5. Arbitration in the event of litigation:

In the case of disputes involving EU Member States, as well as non-EU countries, the EURL is ready to provide its assistance and arbitration within the field of its competence: in particular, to analyse controversial samples for those residues under its mandate in the relevant matrices. These analyses will be performed at the EURL laboratory in the shortest period possible after receiving the sample (< 2 days).

Estimated time breakdown of all activities: 0.3 %

Responsible: UAL1, UAL2, LAGV1, LAGV2

Deliverables: 1 Annual Report



Quality System: Feedback from the European Commission
Duration: Throughout the year

D6. Technical assistance to the European Commission, training to the NRLs and Official Laboratories.

After the experience gained on dealing with NRL/OfL analytical problems in the last years, the EURL-FV has considered the necessity of helping the laboratories on a case by case basis, depending on their facilities and their needs for improvement. This technical assistance will include visits of one or two people from the laboratories to the EURL-FV in Almería. The selection of the laboratories will be fixed following consultations with DG SANCO giving emphasis on NRLs with underperformance in the last EUPT-FVs and EUPT-SRMs.

Whenever the need arises, technical advice will be provided to the European Commission upon request. The activities will include the involvement in the EFSA residue evaluation process on behalf of the European Commission by giving opinions and advices, especially regards residue definition, and post registration analytical methods. The EURL also will support the NRLs with technical information. It will be done a follow-up on laboratories that have already visited and new laboratories will be proposed to the European Commission upon PT results achieved. This activity will be in collaboration with the EURL-SRM.

The EURL-FV will assist to the Standing Committee (SCFCAH) as the Commission requests

Estimated time breakdown of all activities: 6 %
Responsible: UAL1, UAL2, UAL4, UAL5, UAL10, UAL11, UAL12, LAGV1, LAGV2
Deliverables: 1 Annual Report
Quality System: Post-evaluation (questionnaire)
Duration: Two days in the year whenever requested

D7. Assistance to Third Countries.

Assistance to Third Countries submitting plans to be presented to the EU upon formal request by such countries. This task will promote the international networking and dissemination of the information and activities from the EURL, especially in countries with intensive European export-import relationships. This assistance will be supported with at least constant communication via e-mail and telephone. Selected third countries will be invited to participate in the workshops and training courses as well as the visit to the laboratories in relevant cases.

EURL FOR PESTICIDE RESIDUES IN FRUITS AND VEGETABLES (EURL-FV)
2012 Activity Programme



Estimated time breakdown of all activities: 1.2 %.
Responsible: UAL1, UAL2, UAL4, UAL10, UAL11, UAL12, LAGV1, LAGV2
Deliverables: 1 Annual Report.
Duration: 3 days.



LIST OF TASKS

- A1.** Management of administrative duties.
- A2.** EURL-FV Home Page.
- A3.** Publication of technical reports and scientific papers.
- A4.** Development of bilateral cooperation with other organisations.

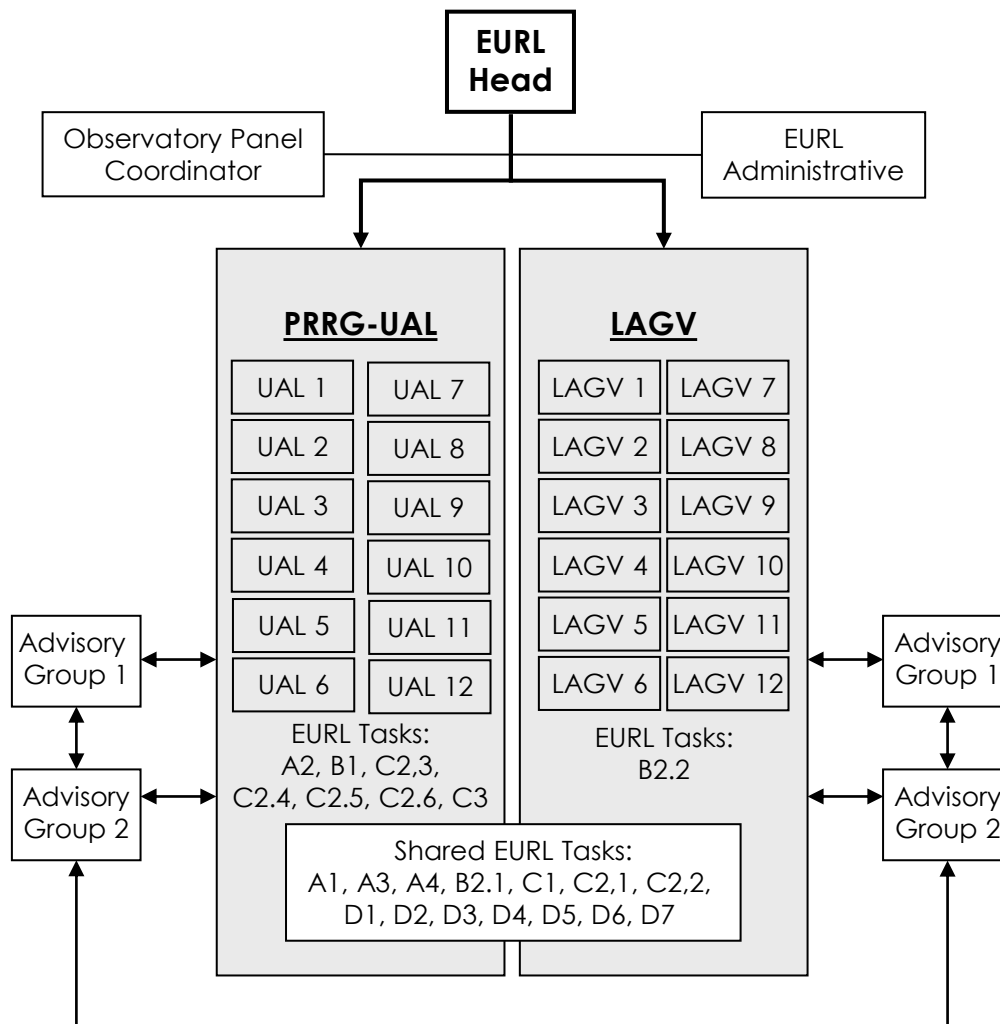
- B1.** Development of validated procedures. Development of MRM for herb's matrices and screening methods for pesticide residues in feed.
- B2.** Improvement of already existing analytical multiresidue methods.
 - B2.1** Ethyl Acetate, Luke's and QuEChERS Extraction Procedures for multiresidue methods either for difficult matrices or for difficult pesticides amenable to MRMs.
 - B.2.2.** Update of MRM with the new pesticides included in Reg. (EC) No. 1107/2009 and in the Coordinated multiannual Community Control Programme.

- C1.** Quality Control Panel covering EU Guidelines on Quality Control Procedures and EU coordinated monitoring programs.
- C2.** Organisation and development of Proficiency Tests and Intercomparative Studies.
 - C2.1.** Development and conduction of European Proficiency Test FV-14.
 - C2.2.** EU Intercomparative Study on Mass Spectrometry Screening Methods 04.
 - C2.3.** Maintenance of EU Proficiency Test to third countries.
 - C2.4.** Standard Solution Stock Service.
 - C2.5.** Contacting Standard Providers to decrease prices and higher the stock of less commercialize active substances.
 - C2.6.** Maintenance of "blank sample" Service.
- C3.** Underperformance Evaluation (In cooperation with the other three EURLs)

- D1.** Joint WORKSHOP with EURL-SRM and C organised in Cyprus.
- D2.** Specific TRAINING on Screening Methods in Almeria.
- D3.** Advisory Group meetings.
- D4.** Assistance to the European Commission in the elaboration of a coordinated European Commission Monitoring Programme.
- D5.** Arbitration in the event of litigation.
- D6.** Technical assistance to the European Commission, training to the NRLs and Official Laboratories
- D7.** Assistance to Third Countries.



Fig. 2. - Proposed Scheme for the EURL Staff and Activities



LAGV: Pesticide Residue Laboratory Agro-Food Analysis Service. GENERALITAT VALENCIANA
 PRRG-UAL: Pesticide Residue Research Group. UNIVERSITY OF ALMERÍA



**EURL FOR PESTICIDE RESIDUES IN FRUITS AND VEGETABLES (EURL-FV)
2012 Activity Programme**

<u>LIST OF DELIVERABLES</u>	Date
A1. 1 Financial Report, 1 Technical Report in cooperation with the EURLs	Mar, Sep
A2. 1 EURL-FV Home Page	Jan
A4. 1 Report about bilateral activities	Dec
B1. 1 Report on the update of the MRMs in EU, 1 Scientific Paper	Dec
B2.1. 1 Technical Report, 1 Scientific Paper	Dec
B2.2. 1 Technical Report	Dec
B3. 1 Technical Report, 1 Scientific Paper	Dec
C1. 1 EU QC Guidelines and Forum Contact	Dec
C2.1. 1 Proficiency Test Report	Dec
C2.2. 1 Intercomparative Study Report	Dec
C2.3. 1 Proficiency Test Report	Dec
C3. 1 Report	Dec
D1. 1 Report and feedback from participants	Dec
D2. 1 Report and feedback from participants	Dec
D3. 2 Meeting Reports	Feb (1), Oct (2)
D4. 1 Technical Report	Dec
D5. 1 Report	Dec
D6. 1 Report	Dec
D7. 1 Report	Dec
TOTAL:	
1 Financial Report, 5 Technical Reports, 8 Reports, 1 EU QC Guidelines, 2 Proficiency Tests Reports, 1 Intercomparative Study Report, 2 Meeting Reports, 3 Scientific Papers and 1 EURL-FV Home Page.	

Jan: January, Feb: February, Mar: March, Sep: September, Oct: October, Dec: December