



WP 3 Session: Agenda

WP3 – Coordination and Consolidation of Joint Technical Developments

E. Seddon, STFC
Ch. Gerth, DESY

Agenda

- 1. Intro: Presentation of WP3 structure**
- 2. First proposals for key technical issues**
- 3. Definition of criteria for prioritization of technical issues**
- 4. Formation of committee for prioritization of key technical issues (WP3.1)**

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Outline

- **Project Objectives**
- **WP3 Objectives**
- **WP3 Structure & Time Schedule**
- **Working Groups**
- **WP3 Contact Persons**

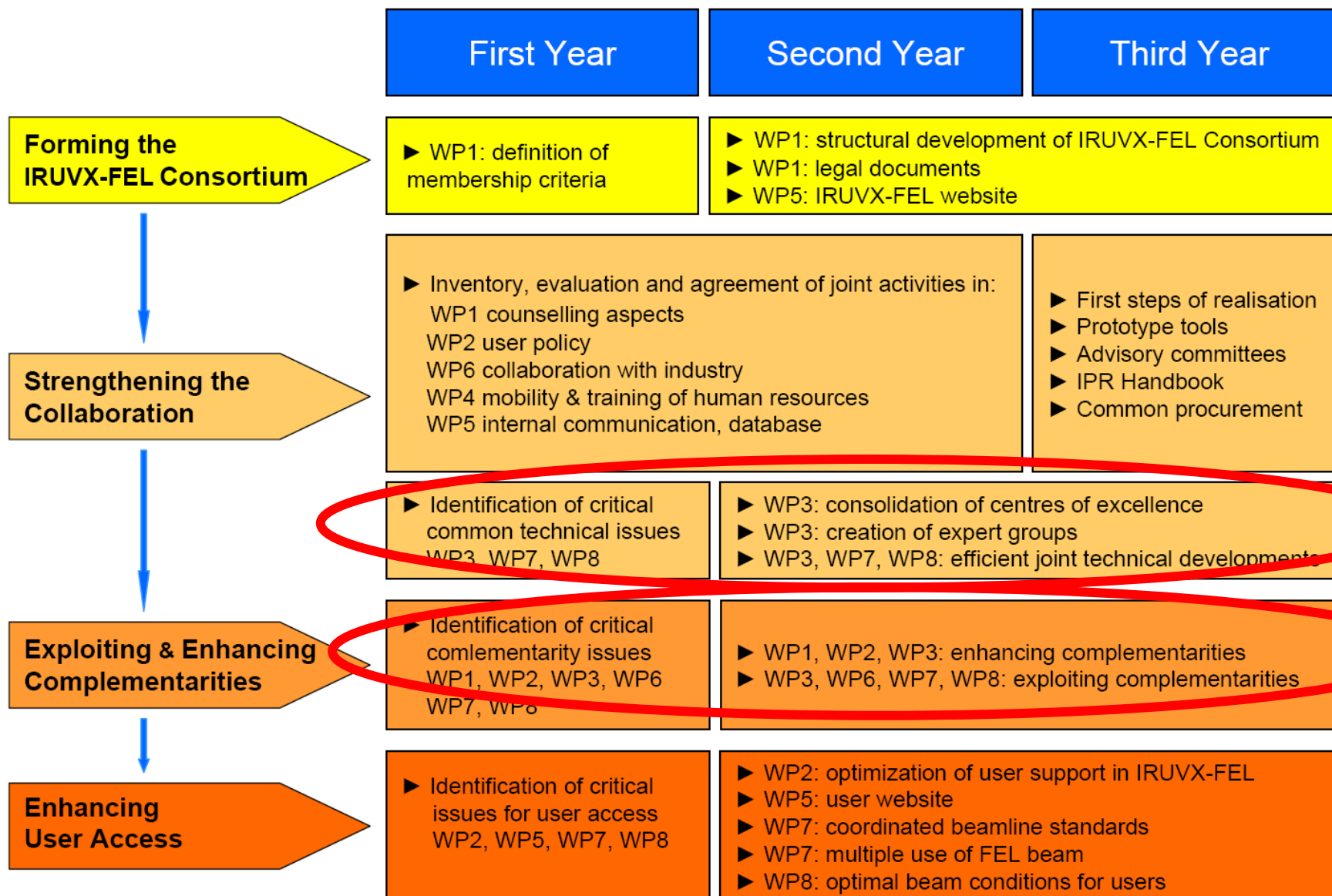
Project Objectives

IRUVX-PP Project Proposal:

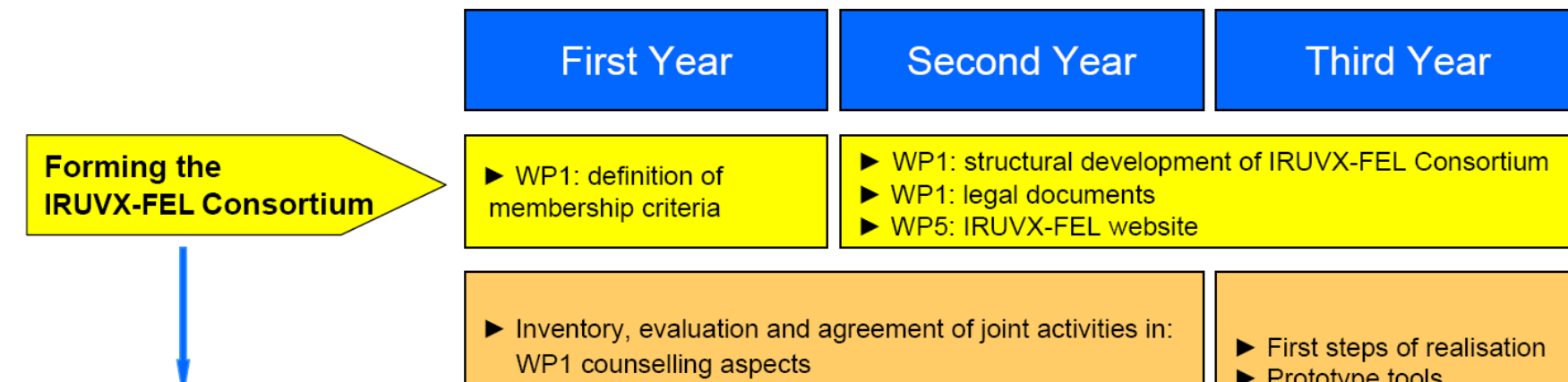
‘The main objective of the IRUVX-FEL Preparatory Phase is the integration of the national FEL facilities into a distributed European FEL facility.’

- *‘Exploit expertise of individual member facilities’*
- *‘Prepare critical technology in a joint effort’*
- *‘Enhance complementary features’*
- *‘Maximise benefits for facilities and users’*
- *‘Ensure Efficient construction and operation of facilities’*

Project Objectives



Project Objectives



WP7 and WP8 (*Technical*):

Technical issues already defined before project start.

Funding for R&D and prototype development (40% of total project cost!)

WP3 (*Coordination*):

Technical issues will be identified during the course of the project.

Only very limited funding available (no costly R&D possible).

Establish Collaborations – motivation has to come from facilities!

WP3 Objectives

Main objectives of WP3:

- *‘**Identify critical technical issues** that are of importance for the IRUVX-FEL Consortium.’*
- *‘Provide a platform for the **transfer of knowledge** and organise **long-term collaborations** between the facilities.’*
- *‘For many technical issues there exists significant overlap in the requirements and designs so that **coordination of activities** will lead to savings in resources and production times.’*

Tools:

- *Formation of **expert Working Groups***
- *Exchange of personnel*
- *Organisation of Workshops/Meetings*
- *Preparation of usage rights, MoUs, contracts, etc.*
- *Assistance in legal questions through WP1*
- *Assistance concerning commercialization through WP6*

WP3 Technical Issues

3 Types of Technical Issues:

A. Formation of Centers of Excellence

- One or more partners have developed expertise in one field and can offer/provide a service
(do something for other)

B. Joint Technical Developments

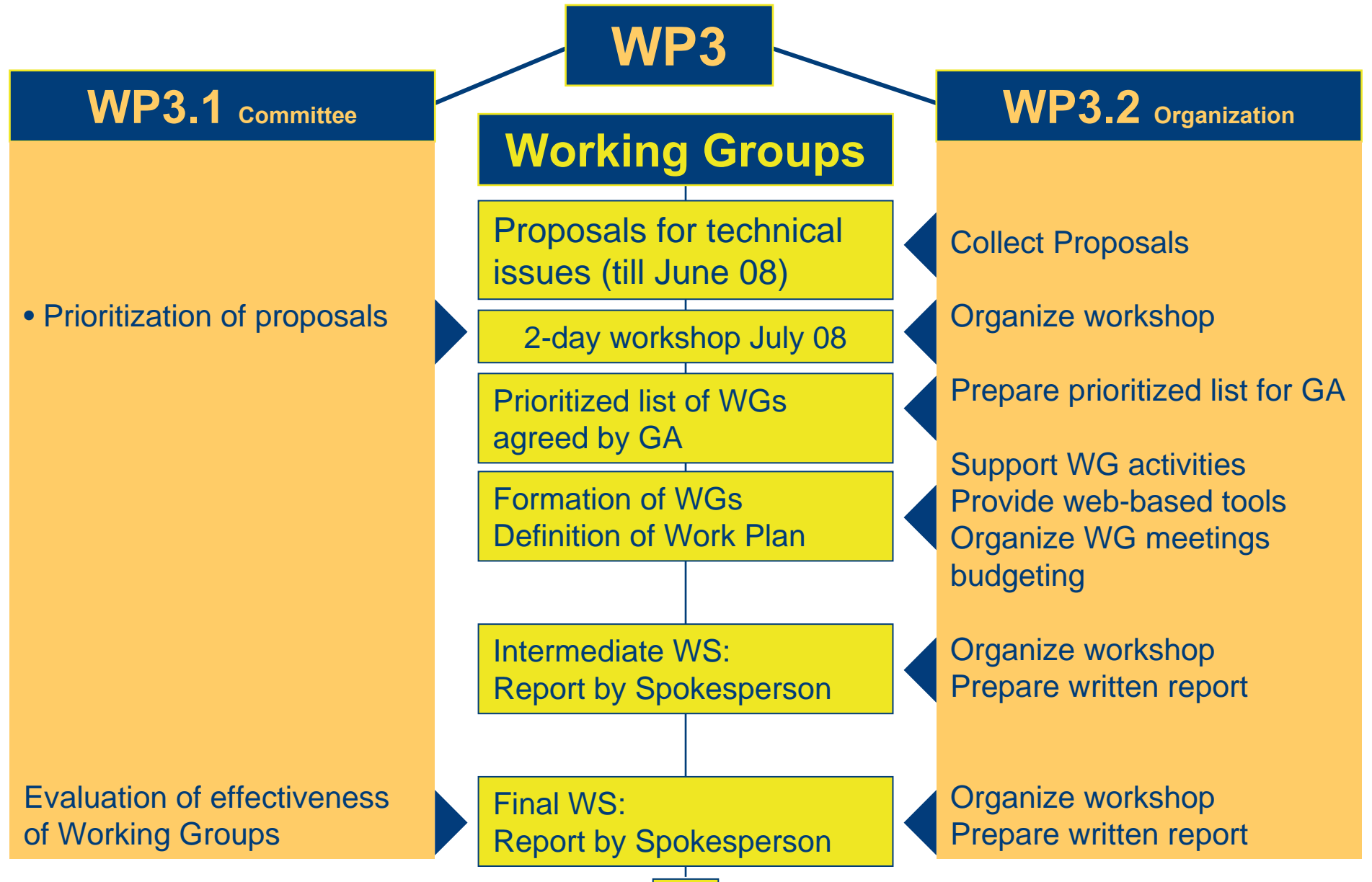
- Agreement on joint developments that are of common interest for all partners in order to save resources
(do something together)

C. Transfer of Knowledge or Hardware

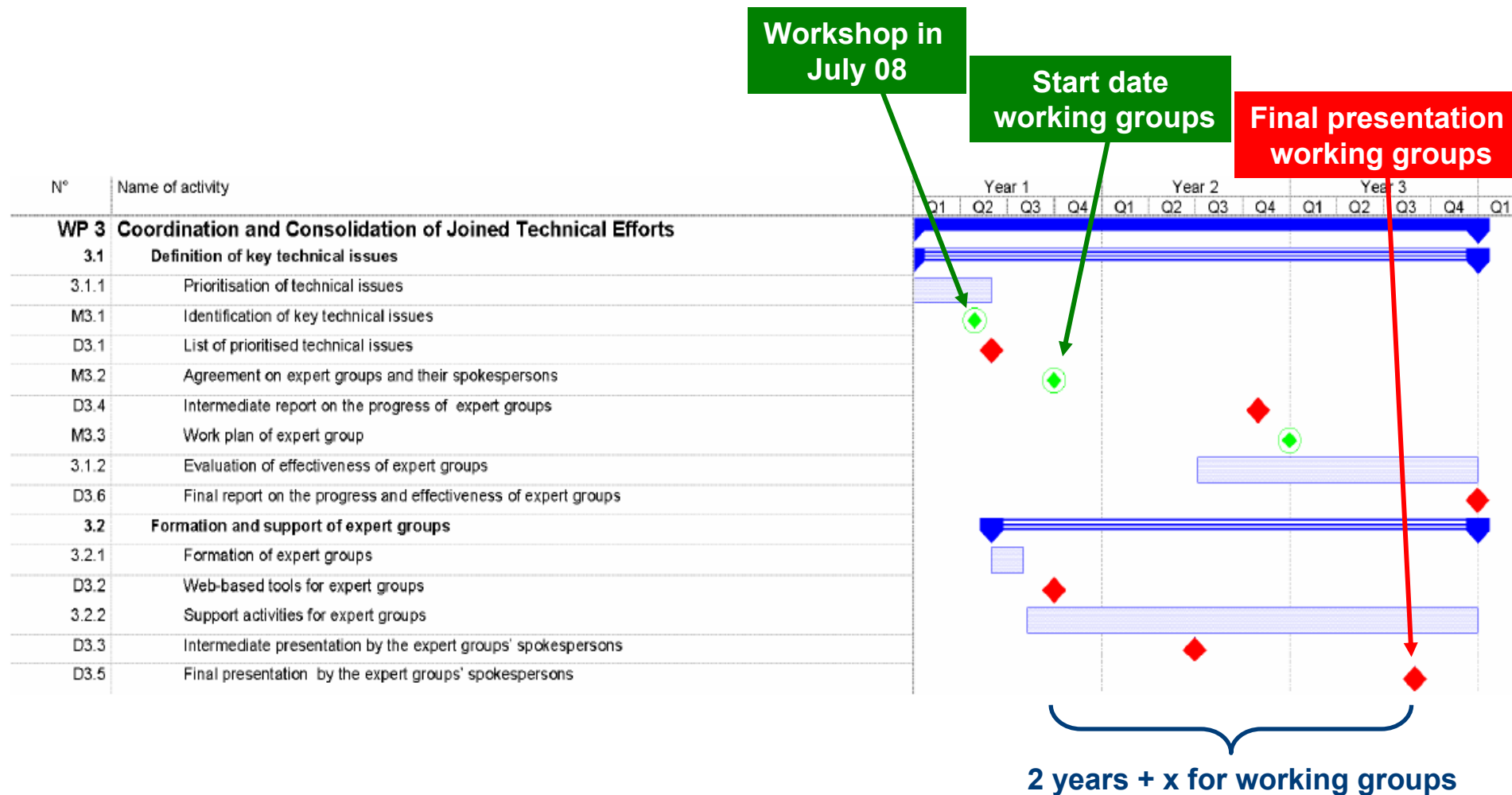
- One partner has developed a device that has general applicability (provide drawings, lending, building, commercialization)
(provide something for others)

→ **Tool: Formation of Working Groups**

WP3 Structure



Time Schedule



Working Groups

- **Keep the working groups small and effective**
 - 1 contact person per working group per facility
- **Each working group is represented by one spokesperson who stays in contact with the work package organisation WP3.2 (single point of contact).**
- **Duties of spokesperson:**
 - Provide work plan
 - Mid-Term status report presented at workshop (written report produced by WP3.2)
 - Final status presented at workshop (evaluation by committee, report produced by WP3.2)

Working Groups

Budget for each expert group to ensure effective work:

3 PM for expert group spokesperson	18.0 k€
3 WP meetings spokesperson (travel)	2.1 k€
2 WG meetings: Travel cost (2 x 7)	9.8 k€
Other costs (visits, external experts, ...)	<u>10.1 k€</u>
Total per Working Group	42.0 k€

Total budget allocated for 7 expert groups:	294 k€
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Some degree of freedom:

- *6 - 10 working groups (49 – 29.4 k€ per WG)*
- *Spokesperson may dispense with the 3 PM*
 - *min budget: 12 k€ (WP and WG meetings)*
 - *or money could be used for investment (max 30-40 k€)*
- *Additional funding has to come from the facilities*

Working Groups

Budget for each expert group to ensure effective work:

Not in the proposal ...

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WP3 Contact Persons

28.03.2008

bold= WP leader

italic = WP deputy

New Work Package No.	Descriptive Title	BESSY	STFC	DESY	ELETTRA	MAX-Lab	INFN	PSI	SOLEIL	POLFEL
WP0	Management of the Project			Josef Feldhaus; Ute Krell; Matthias Kreuzeder						
	Non technical									
WP1	Construction of the IRUVX-FEL Consortium	Wolfgang Eberhardt, Eberhard Jaeschke	Mike Dunne Marion Bowler	<i>Josef Feldhaus</i> Ute Krell	Albin Wrulich Fabio Mazzolini	Sverker Werin	Luigi Palumbo Giuseppe Dattoli/ENEA	Marco Pedrozzi	JP Caminade	G. Wrochna
WP2	User Policies	Olaf Schwarzkopf , Wolfgang Eberhardt	Paul Vernon	Rolf Treusch	Giorgio Paolucci	Ulf Johansson	Maurizio Benfatto	<i>Heinz Weyer</i>	P. Morin	
WP3	Coordination and consolidation of joint technical developments	Wolfgang Anders, Torsten Kamps	Elaine Seddon	<i>Christopher Gerth</i>	Paolo Craievich	Gunnar Öhrwall	Alessandro Gallo Gian Piero Gallerano	Rene Bakker	JP Caminade	
WP4	Development of Human Resources	Christian Jung	Pat Ridley	Elke Ploenjes	<i>Andrea Crivelli</i>	Svante Svensson	Patrizio Antici	Albin Wrulich	JP Caminade	
WP5	Communication and Dissemination	<i>Olaf Schwarzkopf</i>	Jane Binks	Matthias Kreuzeder Ute Krell	Bibi Palatini	Annika Nyberg	Luciano Catani	Heinz Weyer	JP Caminade	
WP6	Collaborations with Industry	Walter Braun	Liz Towns-Andrews	Holger Schlarb	Riccardo Tommasini	Åke Kvik	Claudio Sanelli	Volker Schlott	JP Caminade	
	Technical									
WP7	Photon Beamlines and Experiments	Daniel Schöndelmeier	Frances Quinn	Kai Tiedtke Hubertus Wabnitz	Daniele Cocco	Svante Svensson; Jorgen Larsson	Valerio Rossi Albertini Roberto Cimino	(Rafael Abela)	P. Morin	
WP8	FEL Source	Torsten Quast	Jim Clarke, Steve Jamison	Holger Schlarb; Axel Winter	Laura Badano Anton Rohlev	Sverker Werin	Massimo Ferrario, Luca Giannessi	Volker Schlott	M. E. Couprie	
	General Assembly Delegate									
		Jens Knobloch Hermann Dürr	Marion Bowler <i>Elaine Seddon</i>	Elke Plönjes <i>Holger Schlarb</i>	Albin Wrulich	Nils Martensson Sverker Werin	Massimo Ferrario <i>Luigi Palumbo</i>	Marco Pedrozzi <i>Volker Schlott</i>	M. E. Couprie <i>P. Morin</i>	G. Wrochna

WP3 Summary

About 10 positions per facility
Does not mean 10 different persons!

