

The Fundamentals of Framework 7

PRESENTER

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Course Websites
Links on www.hyperion.ie/fp7-fundamentals.htm



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- 6 Which Countries can Participate in Framework 7
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Glossary of Framework 7 Acronyms

AC	Additional Cost Model	FP6	Framework 6
AS	Associate State	FP7	Framework 7
CFS	Certificate on financial statement	HLG	High Level Group
CSA	Coordination and Support Action	I3	Integrated Infrastructure Initiative
CIP	Competitiveness+Innovation Programme	ICPC	International Cooperation Partner Country
CPF	Contract Preparation Form	IP	Integrated Project
CREST	Representatives of National Ministries	JTI	Joint Technology Initiative
CSO	Civil Society Organisation	MS	Member State (of the European Union)
DG	Directorate General (e.g. DG Research)	NOE	Network of Excellence
EAG	External Advisory Group	OLAF	EU Anti-Fraud Office
EEIG	European Economic Interest Group	OMC	Open Method of Coordination
EC	European Commission	PESS	Proposal Evaluation Software System
EOI	Expression of Interest	PPP	Public Private Partnership
EP	European Parliament	R&D	Research and Development
EPSS	Electronic Proposal Submission System	RTD	Research and Technology Development
ERC	European Research Council	RSFF	Risk Sharing Finance Facility
ESR	Evaluation Summary Report	SICA	Specific International Cooperation Action
ETI	Economic and Technological Intelligence	SME	Small and Medium Sized Enterprise
ETP	European Technology Platform	SP	Specific Programme
EU	European Union	SSA	Specific Support Action
EURAB	European Research Advisory Board	STREP	Strategic Targeted Research Project
FC	Full Cost Model	TP	Technology Platform
FCF	Full Cost Flat Rate Model	WP	Workprogramme
FET	Future and Emerging Technologies		

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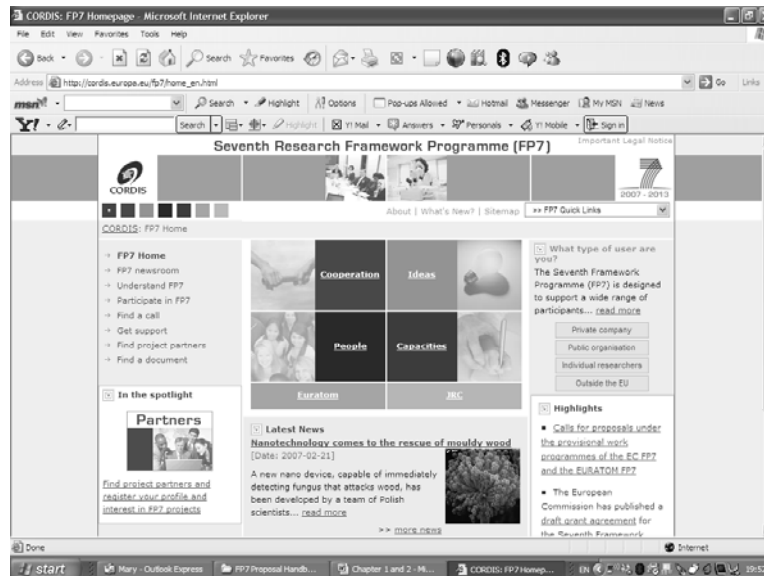
How to Stay up-to-date with Framework 7

OFFICIAL WEBSITES	http://cordis.europa.eu/fp7/home.html
DAILY	Cordis News http://cordis.europa.eu/news/en/home.html Cordis Rapidus http://cordis.europa.eu/guidance/email.htm
MONTHLY Magazines + eNewsletters	CORDIS Focus http://cordis.europa.eu/focus/en R&D Organisations in Brussels www.iglortd.org EU R&D Associations www.hyperion.ie/euassociations.htm Research Europe(Commercial) www.researchresearch.com
OTHERS	Your organisation's own FP7 Webpage National Contact Points http://cordis.europa.eu/fp7/ncp_en.html Register on www.ipr-helpdesk.org
THE BEST	<i>World Class Science (and be known in Brussels)</i> Working as an 'Expert', Networks, Conferences, Projects..

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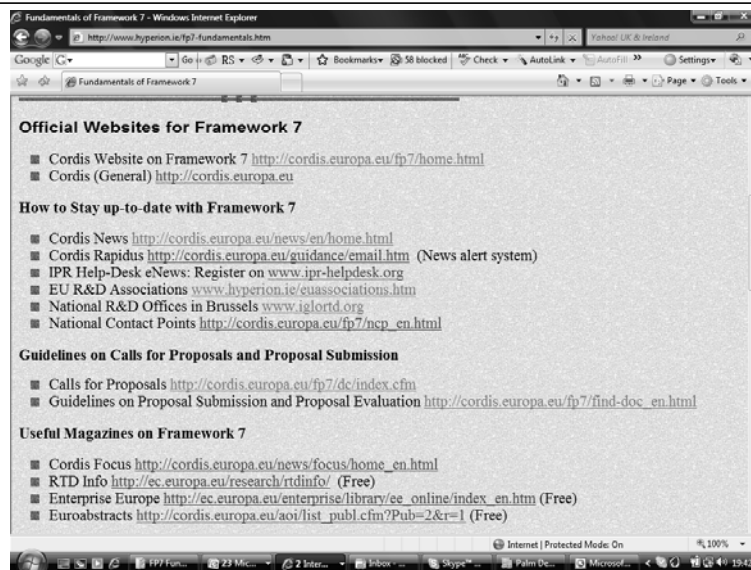
Official Website of Framework 7
<http://cordis.europa.eu/fp7/home.html>



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2007

Hyperion's Website on Framework 7
www.hyperion.ie/fp7-fundamentals.htm



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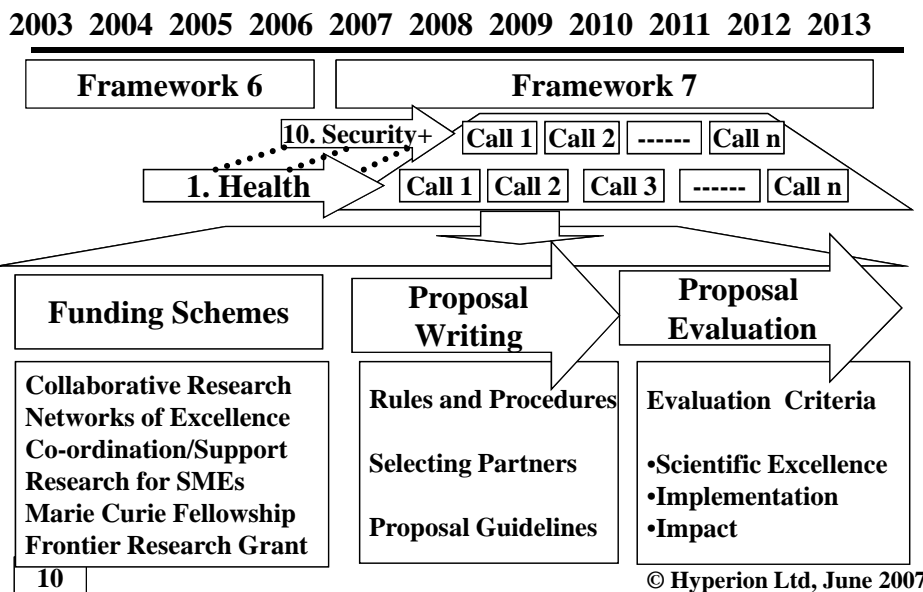
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The Structure of Framework 7



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Example of a 'Call for Proposals'

Call title: ICT Call 1

Call identifier: FP7-ICT-2007-1

Date of Publication: 22nd December 2006

Closure dates: May 8th 2007 at 17:00 Brussels local time

Indicative budget 1019 M€

Topics Called

ICT-2007.1.1 The network of the future (CP, NoE, CSA)

ICT-2007.1.2 Services and software architectures... (CP, NoE, CSA)

ICT-2007.1.3 ICT Support of the networked enterprise (CP, CSA)

-

-

Evaluation Procedures

- A one-stage submission procedure will be followed

- The general eligibility criteria as set out in Annex 2

Indicative evaluation and contractual timetable: Negotiations to start June/July 2007

Consortia agreements: Participants in all actions resulting from this call are required conclude a consortium agreement.

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Structure of a Framework 7 Proposal

Part A

Official Forms (A1,A2,A3)

Partner's details, Proposal Summary, Costs

Part B

- 1. Scientific and/or technical quality relevant to the call**
- 2. Implementation**
- 3. Impact**
- 4. Ethical Issues**
- 5. Consideration of Gender Aspects**

EPSS

Electronic Proposal Submission System

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Part A Layout

Part A1 (Prepared by Coordinator)

Proposal Number	Proposal Acronym	Proposal Title
Duration	Call Identifier	Activity Codes

ABSTRACT (Maximum 2000 words)

Part A2:(Prepared by each partner)

Name, Address, Status, Person in charge,
Similar proposals submitted

Part A3: Financial Information

GUIDELINES FOR COMPLETION OF PART A

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Part B layout

Cover Page: Title, Acronym, Funding scheme, Coordinator, Partners...

Contents Page

Proposal Summary Page

1. Scientific and/or technical quality relevant to call

1.1 Concepts and objectives

1.2 Progress beyond the state of the art

1.3 S/T methodology and associated work-plan (Maximum 20 pages)

1.3 (i) Overall strategy of the work-plan Coordinator

1.3 (ii) Gantt Chart Manager

1.3 (iii) Breakdown of the work

1.3a Work-package List 1.3b Deliverables List 1.3c Description of each work-package

1.3d Summary effort table 1.3e List of Milestones 1.3 (iv) Pert Chart Risk and Contingency Pla

2. Implementation

2.1 Management Structure and procedures (5 pages)

2.2 Individual Participants (1 page per participant) Each partner

2.3 Consortium as a whole (four pages)

2.4 Resources to be committed (two pages)

3. Impact

3.1 Expected Impacts

3.2 Dissemination of project results, Exploitation of project results, Management of intellectual property

4. Ethical Issues

5. Consideration of gender aspects

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Structure of Framework 7

‘Cooperation’

1. Health

2. Food, agriculture/fisheries, biotechnology

3. Information Communication Technologies

**4. Nanosciences + nanotechnologies,
Materials+new Production technologies**

5. Energy

6. Environment

7. Transport

8. Socio-economic sciences + the humanities

9. Space

10. Security

‘Ideas’

**Frontier Research
(European Research Council)**

‘People’

Marie Curie Fellowships

‘Capacities’

**Research Infrastructures
SMEs**

Regions of Knowledge

Research Potential

Science in Society

Inco (Horizontal)

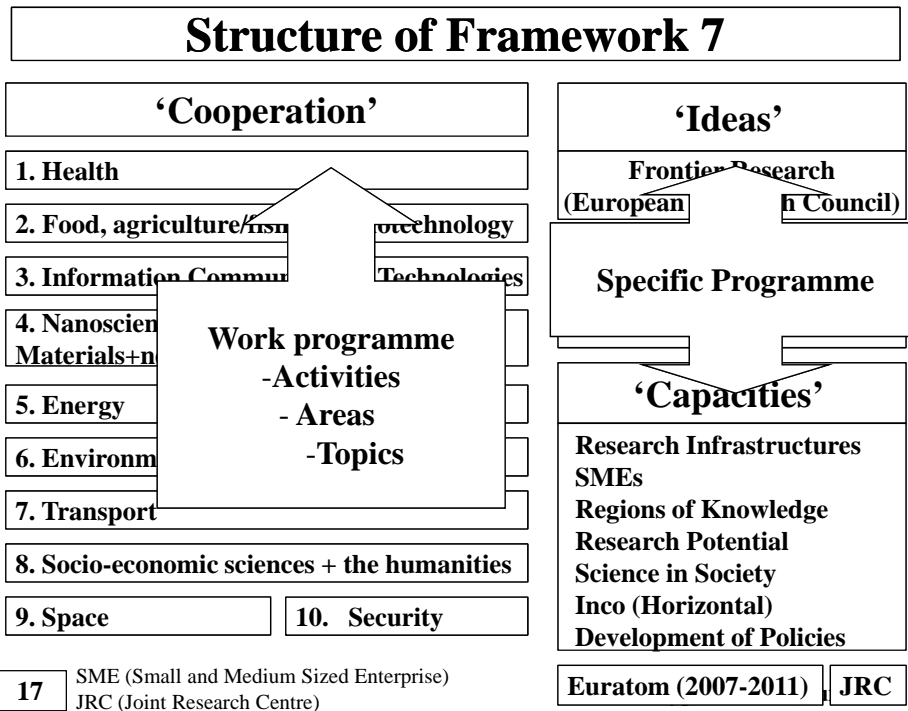
Development of Policies

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SME (Small and Medium Sized Enterprise)
JRC (Joint Research Centre)

Euratom (2007-2011)

JRC



Structure of Framework 7

‘Cooperation’ €32365 million	‘Ideas’ €7,460 million																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>1. Health</td><td style="text-align: right;">€6,050 million</td></tr> <tr><td>2. Food....</td><td style="text-align: right;">€1,935 million</td></tr> <tr><td>3. ICT</td><td style="text-align: right;">€9,110 million</td></tr> <tr><td>4. NMP</td><td style="text-align: right;">€3,500 million</td></tr> <tr><td>5. Energy</td><td style="text-align: right;">€2,300 million</td></tr> <tr><td>6. Environmen..</td><td style="text-align: right;">€1,800 million</td></tr> <tr><td>7. Transport</td><td style="text-align: right;">€4,180 million</td></tr> <tr><td>8. SSH</td><td style="text-align: right;">€610 million</td></tr> <tr><td>9. Space €1,430 million</td><td>10.Security €1350 m</td></tr> </table>	1. Health	€6,050 million	2. Food....	€1,935 million	3. ICT	€9,110 million	4. NMP	€3,500 million	5. Energy	€2,300 million	6. Environmen..	€1,800 million	7. Transport	€4,180 million	8. SSH	€610 million	9. Space €1,430 million	10.Security €1350 m	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">Frontier Research (European Research Council)</td></tr> <tr><td style="text-align: center;">‘People’ €4,728 million</td></tr> <tr><td style="text-align: center;">Marie Curie Fellowships</td></tr> <tr><td style="text-align: center;">‘Capacities’ €4,217 m</td></tr> <tr><td>Research Infrastructures SMEs Regions of Knowledge Research Potential Science in Society Inco (Horizontal) Development of Policies</td></tr> <tr><td style="text-align: center;">Euratom €2,751 m, JRC €1,751m</td></tr> </table>	Frontier Research (European Research Council)	‘People’ €4,728 million	Marie Curie Fellowships	‘Capacities’ €4,217 m	Research Infrastructures SMEs Regions of Knowledge Research Potential Science in Society Inco (Horizontal) Development of Policies	Euratom €2,751 m, JRC €1,751m
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Funding Schemes (Grants) in Framework 7

Collaborative Projects (CP)

Research Projects

Networks of Excellence (NoE)

Integration using Networks

Co-ordination/Support Actions

Networks, Seminars, Studies

Marie Curie Fellowships

Fellowships (PhDs, Post Docs)

Research for SMEs/Associations

Solving SME problems

Frontier Research Grant

Basic/Fundamental Research

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SME (Small and Medium Sized Enterprise)

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Statistics on Funding Scheme (Estimate only)

	<i>Minimum Partners</i>	<i>Typical Partners</i>	<i>Years Typical</i>	€**
CP Large	3	15-20	5	> €6m
CP Small	3	8-10	3	< €3m
Networks of Excellence	3	15-20	3-5	€6-12m
Co-ordination/Support	1*	1-20 +	3	€3-3m
Marie Curie Fellowships	1*	1*	3	€3k
Research for SMEs	5	10	3	€5-5m
Frontier Research Grant	1	1	5	€1-3m

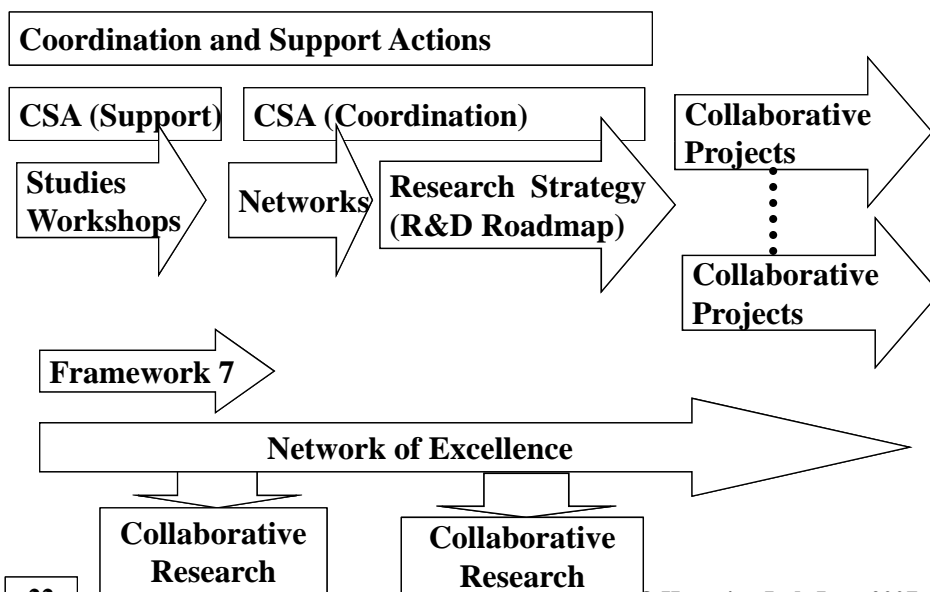
CP (Collaborative Project) SME (Small and Medium Sized Enterprise)

* In some cases ** Amount specified in call for proposals

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Some Strategies for Funding Schemes



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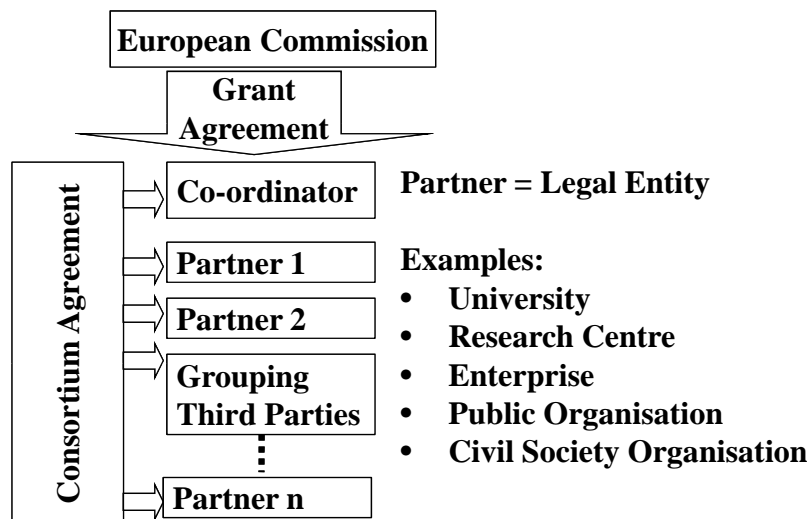
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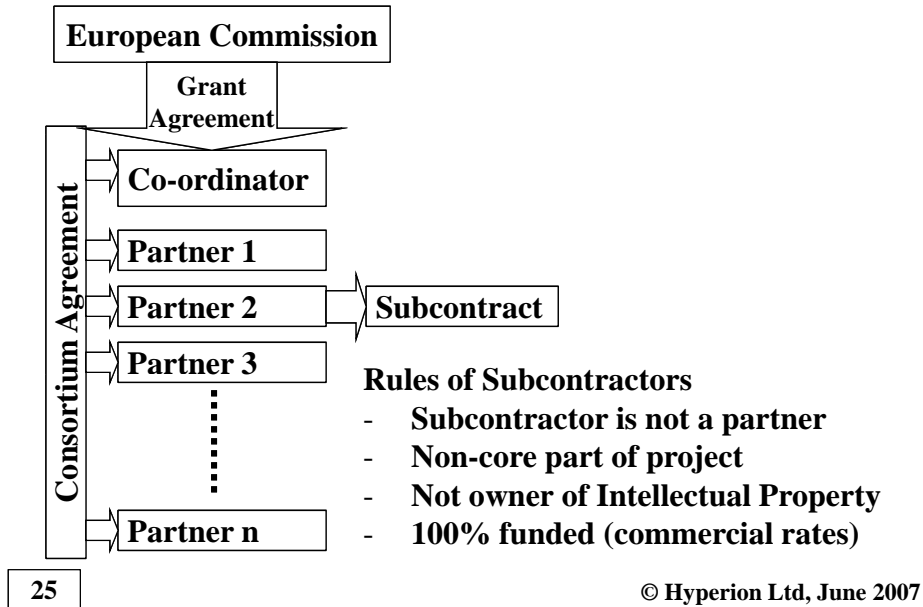
Grant Agreement and Consortium Agreement



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Rules for Subcontractors



Key Information on Legal/Finances (FP7)

Model Grant Agreement

http://cordis.europa.eu/fp7/calls-grant-agreement_en.html

IPR-Help desk www.ipr-helpdesk.org

Finance Help Desk www.finance-helpdesk.org

Financial Guidelines

ftp://ftp.cordis.europa.eu/pub/fp7/docs/financialguide_en.pdf

DESCA (Simplified Consortium Agreement) www.desca-fp7.eu

Rules of Participation

http://eur-lex.europa.eu/LexUriServ/site/en/oj/2006/l_412/l_41220061230en00010041.pdf

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Which Countries can Participate in FP7?

Member State	Member state of the European Union
Third Country	Not a Member State e.g. USA is a 'Third Country'
Associated Countries	Countries that make financial contribution to Framework 7 (International agreement)
International Cooperation Partner Countries	Developing and Emerging Economies Mediterranean Countries, Western Balkans Eastern Europe/Central Asian Countries
International Organisations	WHO, CERN, EMBL, ESA...

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Details on <http://cordis.europa.eu/inco2/src/participation.htm>

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Member States of the European Union (2007+)

Austria	Germany	Poland
Belgium	Greece	Portugal
Bulgaria	Hungary	Romania
Czech Republic	Ireland	Slovakia
Cyprus	Italy	Slovenia
Denmark	Latvia	Spain
Estonia	Lithuania	Sweden
Finland	Luxembourg	The Netherlands
France	Malta	United Kingdom

(Romania and Bulgaria members from 1/1/2007)

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Associated Countries

Candidate States (June 2007)	International Agreements with EU
Turkey	Norway *
Croatia	Liechtenstein *
Serbia	Iceland *
Macedonia(FYROM)	Israel **
Montenegro	Switzerland **

* European Economic Area Agreements

** Bilateral Agreements

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Agreements on http://cordis.europa.eu/inco/agreements_fp7_en.html
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Joint Research Centre (www.jrc.cec.eu.int)

NB: JRC is part of the European Commission (DG JRC)

Institute for Reference Materials and Measurement (IRMM)

Institute for Transuranium Elements (ITU)

Institute for Energy (IE)

Institute for the Protection and Security of the Citizen (IPSC)

Institute for Environment and Sustainability (IES)

Institute for Health and Consumer Protection (IHCP)

Institute for Prospective Technological Studies (IPTS)

Five sites in Belgium, Germany, Italy, the Netherlands and Spain

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NB: JRC not considered to be from these Member States

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International Organisation: Examples

World Health Organisation (WHO)

Food and Agriculture Organisation (FAO)

European University (Florence, Maastricht, Brugges)

International European Interest Organisations

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International European Interest Organisations

www.eiroforum.org

CERN (European Organisation for Nuclear Research)

ESA (European Space Agency) www.esa.int

ESO (European Southern Observatory) www.eso.org

ENO (European Northern Observatory) www.eno.org

EMBL (European Molecular Biology Laboratory) www.embl.org

ESRF (European Synchrotron Radiation Facility)

ILL (Laue-Langevin Institute) www.ill.fr

Eureka www.eureka.be

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Framework 7 Funding for ICPC Countries

International Cooperation Partner Countries (ICPC)

(a) Developing and Emerging Economies

(b) Mediterranean Countries

(c) Western Balkans

(d) Eastern European and Central Asian Countries (EECA)

Cooperation

Research Priorities

SICA Calls in Research Priorities

Capacities

INCO (Horizontal)

People

Incoming International Fellowships

Marie Curie Networks

Ideas (Frontier)

Host in EU/AC: No nationality criterion

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AC (Associated Country) SICA (Specific International Cooperation Actions)

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International Cooperation Partner Countries

Developing Economies	African, Pacific, Asia, Latin America
Emerging Economies	Brazil, Russia, China, India, Mexico and South Africa
Mediterranean Partner Countries	Algeria, Egypt, Jordan, Lebanon, Libya, Morocco, Palestine administered areas, Syrian Arab Republic, Tunisia
Western Balkan Countries (WBC)	Albania, Bosnia-Herzegovina, Montenegro*,
Eastern European and Central Asian Countries (EECA)	Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyz Republic, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine and Uzbekistan

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* Until associated agreement is signed

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EU Scientific Co-operation Agreements

http://ec.europa.eu/research/iscp/index_en.cfm

U.S.A *	China	Tunisia
Canada *	India	South Korea
Australia *	Russia	Oceania
South Africa	Chile	Japan*
Argentina	Mexico	Jordan
Morocco	Brazil	New Zealand*
Egypt	Ukraine	?

*USA, Canada, Australia, Japan, New Zealand
 Must get their own funding – unless essential to the project
 -or specified in work programme/bilateral agreement

(Note: Microsoft (German) is a German Partner)

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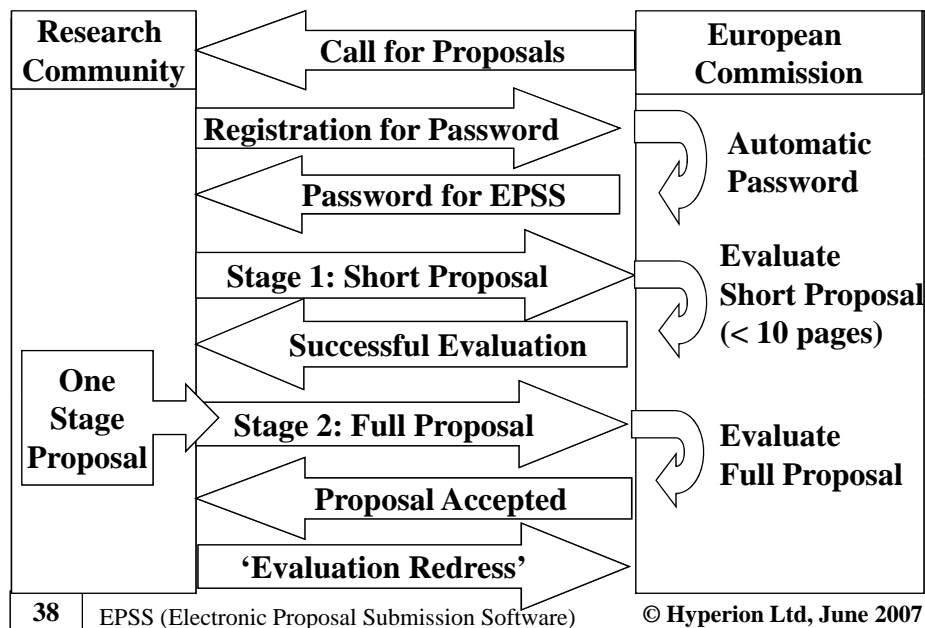
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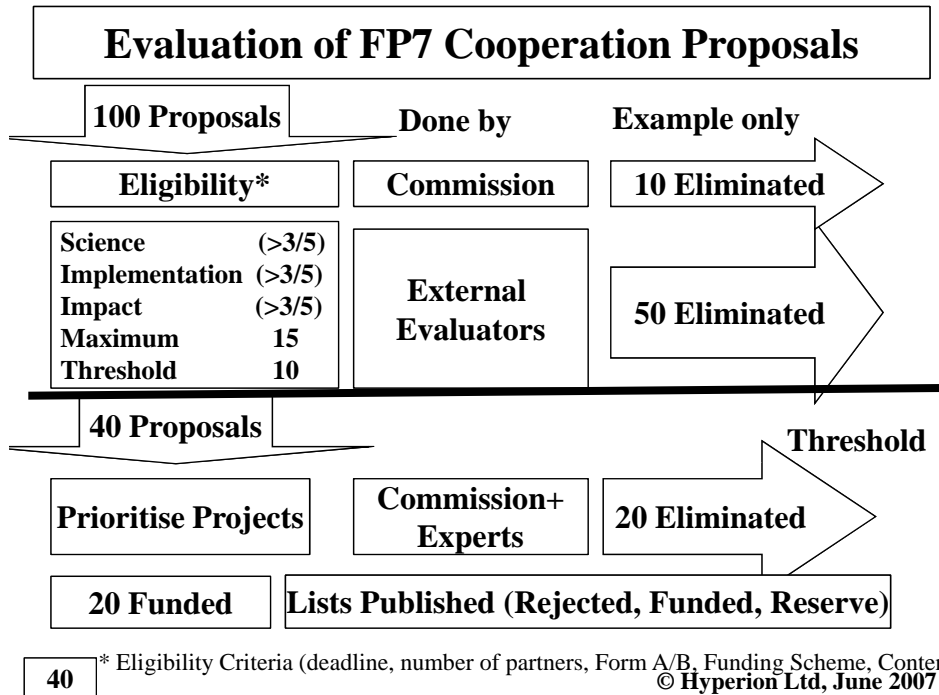
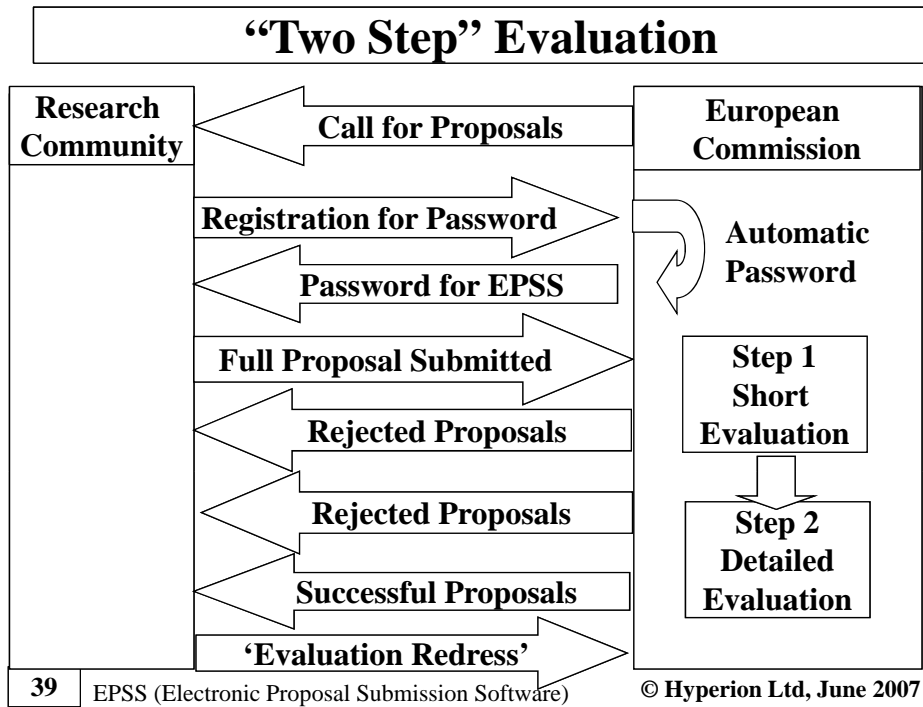
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“Two Stage” Submission





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How to Proceed

Science

Clarify your scientific 'niche within a niche'

Promote expertise through EU conferences

Networking

Identify projects already funded in your area

Join relevant EU R&D Associations/Networks

Understand
the
Process

Identify Work Programmes/Funding Scheme

Evaluate Framework 7 Proposals

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EC (European Commission) EU (European Union) © Hyperion Ltd, June 2007

A Researcher's Strategy for Framework 7

Excellent Science

Excellent Partners

Excellent Plan (Implementation)

Excellent 'Results' (Impact)

Follow Framework 7 Guidelines

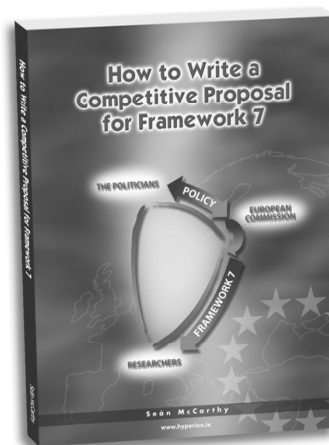
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COURSE PRESENTER



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www.hyperion.ie/fp7handbook.htm

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Background: Sean McCarthy

PhD in Electrical/Electronic Engineering (Cork, Ireland)

Written over 150 proposal for Framework programmes

Partner in over 60 Framework contracts (Coordinated 16)

Evaluator in 10 different Framework programmes

Four Financial Audits

Involved in Framework 1,2,3,4,5,6 and now 7

Today only trains. Does not participate in Framework 7

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www.hyperion.ie/seanmccarthy.htm

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