



Fondazione  
Eni  
Enrico Mattei



***SECURE - Security of Energy Considering its  
Uncertainty, Risk and Economic implications***

***Manfred Hafner***

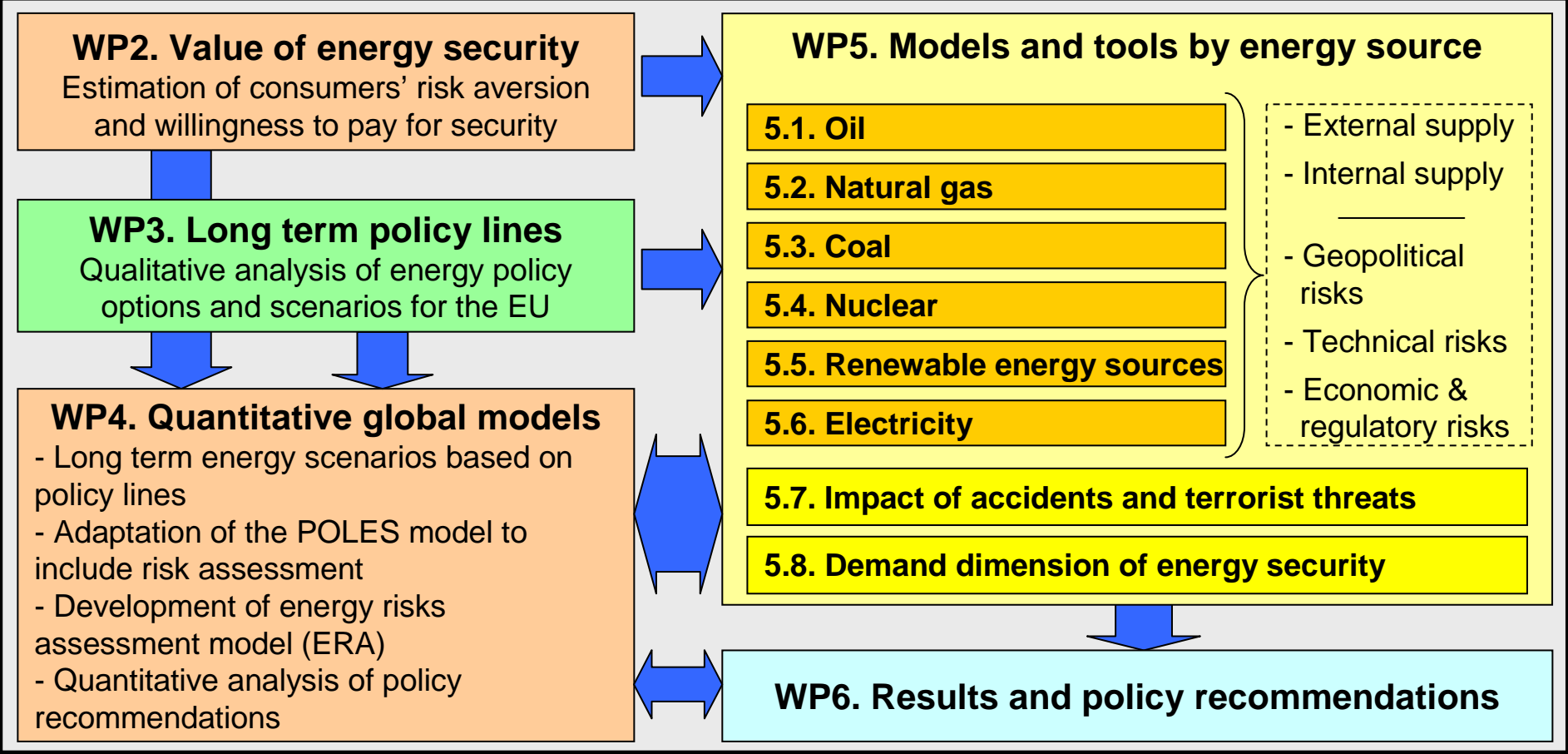
**SECURE Third Stakeholder Meeting**

**Milan, 18-19 January 2010**



- **Comprehensive framework** of all issues related to energy security including **geopolitics, economic/regulatory and technical** design of energy markets **both inside and outside the EU**
- Analysis of **all major energy sources and technologies** (*oil, natural gas, coal, nuclear, renewable and electricity*) from upstream to downstream (*supply and demand side approach*)
- **Development of tools, methods and models** (global and sectoral) to measure and assess security of supply
- **Policy recommendations** on how to improve energy security taking into account costs, benefits and risks of various policy choices
- Consortium of 15 partners
- **Intensive Stakeholders consultations**
- Duration: 3 years (39 months: January 2008 - March 2011)

**WP1. Methodological developments**  
Definition of concepts and general methodology of the project

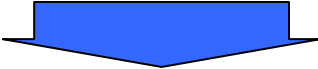


**WP7. Stakeholders consultations and dissemination**

**WP8. Scientific coordination**

**WP9. Administrative management**

**WP1. Methodological developments (FEEM)**



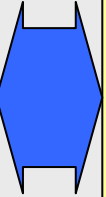
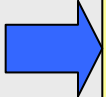
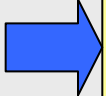
**WP2. Value of energy security (Univ. Bath)**



**WP3. Long term policy lines (CEPS)**



**WP4. Quantitative global models (Univ. Grenoble CNRS/LEPI)**



**WP5. Models and tools by energy source (FEEM)**

5.1 Oil (GRCF)

5.2 Natural gas (Ramboll)

5.3 Coal (TUD)

5.4 Nuclear (LEI)

5.5 Renewable energy sources (FHI-ISI)

5.6 Electricity (ERSE)

5.7 Impact of accidents and terrorist threats (PSI)

5.8 Demand dimension of energy security (FEEM)



**WP6 Results and policy recommendations (FEEM)**



**WP7. Stakeholders consultations and dissemination (CEPS)**

**WP8. Scientific coordination (FEEM)**

**WP9. Administrative management (OME)**

# Timetable

	2008												2009												2010											
	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36
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WP5.8																																				
WP6																																				
WP7																																				
WP8																																				

Mi Milestone  
 WS Workshop  
 CO Final Conference

Thematic Workshop:  
 methodology, value,  
 scenario story lines

Thematic Workshop:  
 oil, gas and coal

Thematic Workshop:  
 Electricity, renewables,  
 nuclear, accidents and  
 terrorism, demand

Policy Workshop:  
 Results and Policy  
 Recommendations

Regional Workshops:  
 Moscow, Egypt and Ryadh

Audition at  
 the European  
 Parliament

Final  
 Conference



# Stakeholder Consultations and Dissemination

Nr.	Timing*	Workshop name	Location	Organizer
WS1	29 Jan 09	Thematic WS (WP1, 2, 4: <b>Methodology and scenarios</b> )	Brussels	CEPS
WS2	26 Nov 09	Thematic WS (WP5.1, 5.2, 5.3: <b>oil, gas, coal</b> )	Paris	OME
WS3	18-19 Jan 2010	Thematic WS (WP2, 5.4, 5.5, 5.6, 5.7, 5.8): <b>Nuclear, Renewables, Electricity, Accidents&amp;Terrorism, Demand, Value</b> )	Milan (2 days)	ERSE
WS4	Sept 2010	Workshop for WP6 <b>(Results &amp; Policy Recommendations)</b>	Brussels	CEPS
WS5	June 2010	Regional WS " <b>Russia &amp; CIS</b> "	Moscow	ERI RAS
WS6	Oct 2010	Regional WS " <b>North Africa</b> "	Cairo	OME
WS7	Nov 2010	Regional WS " <b>Gulf</b> "	Ryadh	GRCF
WS8	Nov 2010	Policy event at the <b>European Parliament</b>	Brussels	CEPS
CO	Dec 2010	<b>Final Conference</b>	Brussels	CEPS

\* Preliminary Timing

Thank you for your attention!

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