ENERGY POLICY & INVESTEMENT MANAGEMENT PROJECTS

Programme-Contract No – Project title - Duration **National Projects** Community Operational Framework Programme "Competitiveness/2.1.3 Participation in the Intermediate Agent 1/1/2001-31/12/2006 Community Operational Framework Programme "Competitiveness Technical monitoring & energy audits for projects funded in the framework of the **Operational Framework Programme "Competitiveness" in Thessaly, Sterea Hellas.** Peloponnesus, & Western Greece "2000-2006 **Projects in the framework of European programmes** SAVE -4.1031/C/00-001 "Building the frame for a European Market for Eco-driving – ECLAB" 01/04/2001 - 30/11/2004 SAVE -4.1031/Z/02-044 "Monitoring of energy efficiency in Europe (ODYSSEE)- Baon MURE" 20/04/2003 - 20/07/2004 SAVE - 4.1031/Z/01-088 "GreenLight Action" 01/04/2002 - 31/03/2004 SAVE -4.1031/Z/02-048: "Promotion of Energy Efficient Electric Motor Systems – Promot" 01/01/2004- 30/4/2006 SAVE - 4.1031/Z/01-033 "2E+Procurement on very energy efficient white goods" 01/04/2002-30/10/2005 SAVE - 4.1031/Z/02-067 "Biomass Market Formatting: The initiation of the use of biomass energy for the CHP production in district heating systems in the countries of Central and Eastern Europe -ForBioM" 11/11/2003 - 28/02/2005

SAVE - 4.1031/Z/01-015 "Energy Efficiency Labelling of Large Household – ELAR" 01/01/2003 - 30/06/2004 ALTENER - 4.1030/Z/01-140 "Designing Energy Value into European Live building Projects – DEVELOP" 01/02/2002 - 31/12/2004 ALTENER - 4.1030/Z/01-085 "SOLTHERM European Initiative" 01/02/2002 - 31/12/2004 ALTENER - 4.1030/C/02-025 "Side effects of Tradable Renewable Energy Certificates and Implementations of Guarantees of Origin -SETREC/GO Cluster" 01/04/2003 - 31/03/2005 LIFE/ ENVIRONMENT "Applying European Emissions Trading & Renewable Energy Support Mechanisms in the Greek Electricity Sector - ETRES" 04/09/2003 - 05/03/2006 Services to third parties Technical support to the RAE on RES & CHP projects 20/04/2004 - 19/04/2006 Counseling Services contract for the RAE on the license regime for nergy investments

01/07/2004 - 28/02/2005

PROJECTS FOR ENERGY PLANNING & RES/RUE/ES TECHNOLOGIES PROMOTION

Programme-Contract No – Project title - Duration
National Projects-Community Support Framework
Projects for energy planning/development of energy information systems
Operational Programme Information Society/3.1
Integrated System for energy policy planning
15/06/2004 - 31/12/2006
Operational Programme Information Society/3.1
Development of a Geographical Information System for the analysis of the techno/
economic exploitable RES potential for thermal use
01/01/2002 - 30/09/2005
Dissemination Projects
Community Operational Framework Programme "Competitiveness /2.1.1.1
"Promotion of energy efficiency technologies and energy labeling in housing
and in the tertiary sector"
00/02/2004 00/00/2005
09/03/2004 - 09/09/2005
Market analysis & development projects
Community Operational Framework Programme "Competitiveness/0.1.2
Community Operational Framework Programme "Competitiveness/9.1.2 Informing and sensitizing the general public about RES technologies and
promotion of CRES' energy park"
promotion of energy park
01/08/2004 - 31/12/2005
Projects in the framework of European programmes
Projects for energy planning/development of energy information systems
ALTENER – 4.1030/Z/01-089
"A Planning Tool for the Optimal Regional Integration of Renewable Energy Sources – OPTIRES"
UPTIKES

01/01/2002 - 31/01/2004

SAVE 4.1031/Z/02-089:	
"Integrated Planning for Building Refurbishment Taking Life-Cycle LCCA	e-Costs into Account –
	01/01/2004 - 31/12/2005
ALTENER - 4.1030/Z/02-094 "Investing in RES & RUE Technologies: Models for Saving Public Money – INVERT"	
	01/05/2003 - 30/04/2005
Eurostat - 200345501003 " Pocketbook on Energy, Transport & Environment In d	dicators"
	01/01/2004 - 31/05/2004
MEDA – ME8/B7-4100/IB/98-0479 "Applications of Solar Thermal Energy in the Mediterran ASTEMB "	ean Basin —
	07/04/2001 - 06/04/2004
Dissemination projects	
ALTENER – 4.1030/Z/01-013 "Electronical Technical Transfer Olive Oil Network – <i>e-TOON″</i>	
	01/01/2002 - 31/07/2004
ALTENER - 4.1030/C/02-060 " <i>Solar Thermal Energy Promotion for a Wider Action in the Rener</i> <i>— STEP FORWARD</i> "	wables Development
	01/04/2003 - 31/03/2005
SAVE – 4.1031/Z/01-018 " <i>Bankable Energy Efficiency Projects –</i> <i>BEEP"</i>	
	01/01/2003 - 31/12/2004
5 th FP - NNE5/2002/48 " <i>Supporting Initiative for the Organisations for Promotion of Energy</i> — <i>COOPET"</i>	& Transport Technology
	01/04/2003 - 30/09/2005

Ì

5 th FP - NNE5/2002/94 " <i>European Network for the Promotion of Energy Technologies in the Building Sector –</i> <i>OPET Buildings</i> "	
	01/04/2003 - 04/06/2004
ALTENER - 4.1031/Z/02-157 "Renewable Energy Action — REACT "	
	01/09/2003 - 28/02/2005
SAVE – 4.1031/Z/01-045 "Building Networks as an Instrument for RUE in the Tertiary Building Sector – Building Networks"	
	01/05/2002 - 30/04/2004
6 th FP	
New Energy Externalities Developments for Su —NEEDS″	ustainability
Training Projects	
Training Projects 5 th FP – ENK5-CT-2002-80647 "Energy forest development on areas of Central-Eastern Europroduction is uneconomical – An assessment Energy Forests"	
5 th FP – ENK5-CT-2002-80647 "Energy forest development on areas of Central-Eastern Eu production is uneconomical – An assessmen	
5 th FP – ENK5-CT-2002-80647 "Energy forest development on areas of Central-Eastern Eu production is uneconomical – An assessmen	01/11/2002 – 30/04/2004
5 th FP – ENK5-CT-2002-80647 "Energy forest development on areas of Central-Eastern Eu production is uneconomical – An assessmen Energy Forests" ALTENER – 4.1030/Z/01-109 "European Solar Water Heating Training Accreditation	01/11/2002 – 30/04/2004
5 th FP – ENK5-CT-2002-80647 "Energy forest development on areas of Central-Eastern Eu production is uneconomical – An assessmen Energy Forests" ALTENER – 4.1030/Z/01-109 "European Solar Water Heating Training Accreditation	01/11/2002 - 30/04/2004 and Certification - 01/05/2002 - 30/04/2004
5 th FP – ENK5-CT-2002-80647 "Energy forest development on areas of Central-Eastern Eu production is uneconomical – An assessmen Energy Forests" ALTENER – 4.1030/Z/01-109 "European Solar Water Heating Training Accreditation SUNTRAIN" ALTENER - 4.1030/Z/02-110 "Renewable Energy Installers Training Prog	01/11/2002 - 30/04/2004 and Certification - 01/05/2002 - 30/04/2004
5 th FP – ENK5-CT-2002-80647 "Energy forest development on areas of Central-Eastern Eu production is uneconomical – An assessmen Energy Forests" ALTENER – 4.1030/Z/01-109 "European Solar Water Heating Training Accreditation SUNTRAIN" ALTENER - 4.1030/Z/02-110 "Renewable Energy Installers Training Prog	01/11/2002 - 30/04/2004 and Certification - 01/05/2002 - 30/04/2004 aramme - 01/05/2003 - 30/06/2004

Г

LEONARDO DA VINCI – HU/04/B/F/PP-170031 "Financial institutions personnel training in the concepts of Renew Efficiency Technologies for the evaluation of relevant FIP-TREET"	
	22/10/2004 - 21/10/2006
5 th FP – HPRP-CT-2001-00026 " <i>Information Network on the Technology of Utilization and Sustaina</i> - INTUSER"	ability of Energy Sources
	01/01/02-31/12/2004
<i>"</i> SAVE 4.1031/Z/02-095 <i>:</i> "Training of Local Authorities Experts on the Identification, I Implementation of Energy Efficiency Projects in Munic ENEFMUN"	-
	22/10/2004 - 21/10/2006
Market analysis & development projects	
5 th FP - IPS-2001-42032 "Renewable Energy Technology Transfer Netwo RENEW-TRANSNET"	prk —
	01/07/2003 - 30/06/2006
5 th FP - NNE5/2002/60 " <i>Small wind industry implementation strategy</i> <i>SWISS"</i>	v –
	01/04/2003 - 31/03/2005
ALTENER - 4.1030/C/02-160 "Biomass Pellets for Southern Europe – BIOPELLETS"	
	01/06/2003 - 31/05/2005
ALTENER - 4.1030/Z/02-121 Promoting Solar Air Conditioning – CLIMASOL	
	01/05/2003 - 30/04/2005

R&D RES PROJECTS

Programme-Contract No – Project title - Duration	
National Projects-Community Support Framework	
Programme for development of industrial research and te Experimental Plant for Electric Energy Production f	U
	01/01/2001 - 30/08/2004
Community Operational Framework Programme "Comp Construction of an Energy Park at Lay	
	17/10/2003 - 30/06/2005
Community Operational Framework Programme "Comp Development of a Spin-Off Unit for Wind Ene	
	29/10/2003-29/04/2005
GSRT – E13 Development of Plastic PV Element	
	01/09/2003 - 31/08/2006
GSRT-E11 <i>PhotoV-ALue</i> – Research, Development and Standardisation o Size, Aluminium Structural Elements with a-SI PV Cells and In for Grid-Connection, aiming to their Integration in Bu	tegrated Innovative Inverters
	01/11/2003 - 31/10/2006
13688/22-10-2003 Study for GSRT Establishment and evaluation of the first integrated biod	diesel chain in Greece
	12/05/2003 – 11/05/2005
GSRT/4.3.6.1.β <i>Geothermal Heat Pump Technology Transfer From</i> <i>GHPTRANS</i> "	n Usa To Greece-
	29/04/2004 - 28/04/2006
5 th FP - ENK6-CT2000-00320 <i>W/T Rotor Blades for Enhanced Aeroelastic Stability & Fatigue</i> <i>Composites Blades –</i> <i>DAMPBLADE"</i>	e Life Using Passively Damped
	01/01/2001 - 31/12/2004
Projects in the framework of European programmes	
Wind Energy	
5 th FP - ENK5-CT2000-00322 "Recommendations for design of Offshore Win RECOFF "	d Turbines —
	01/01/2001 - 31/08/2004

Programme-Contract No – Project title - Duration

5th FP - ENK5-CT2000-00309 "Model Rotor Experiments under Controlled Conditions – MEXICO"

01/01/2001 - 31/12/2005

5th FP - NNE5-2001-297 "*Wind energy Sodar application – WISE*"

01/05/2002 - 31/10/2004

5th FP - ENK6-CT2001-00503

"Wind Turbine blade Aerodynamics and Aeroelastics: Closing Knowledge Gaps – KNOWBLADE"

01/12/2001 - 30/11/2004

5th FP - NNE5-2000-412 **"5MW Wind energy converter for off-shore application**"

01/10/2001 - 30/09/2005

5th FP - ENK6-CT2001-00552 "Reliable Optimal Use of Materials for Wind Turbine Rotor Blades – OPTIMAT BLADES"

01/01/2002 - 30/04/2006

5th FP - ENK5-CT2002-00627

"Aeroelastic Stability and Control of Large Wind Turbines – STABCON"

01/11/2002 - 31/10/2006

HPRN-CT2002-00215

"Wind Energy Assessment and Wind Engineering. Research Training Network — WINDENG"

01/09/2002 - 31/12/2005

NNE5-2001-977

5 MW Innovative W/T "Suitable for on Land & Offshore Installations – INNOWT5000"

01/01/2003 - 31/12/2005

NNE5-2001-818 "Integrated Renewable Energy, Water and Transport Network for Small Islands – IREWAT-SI"

5/12/2003 -5/12/2007

nd Energy —
01/04/2002 - 31/03/2005
e in the Mediterranean Sea –
01/04/2003 - 31/08/2004
ırope″
01/10/2002 - 30/09/2005
strial and Agriculture"
01/03/2001 - 29/02/2004
uth Europe –
01/12/2002 - 31/08/2005
ation Model –
01/04/2003 - 31/08/2006
trains
01/01/2004 - 31/12/2007

Programme-Contract No - Project title - Duration	
6 th FP - IPS-2001-42119 "European Network Strategy for Combined Solar and Wood Pellet Heating Systems for Decentralized Applications – SOLLET"	
	01/07/2003 - 30/06/2006
Hydrogen	
5 th FP - NNE5-1999-20025 "Hydrogen based Electrical Energy System for Local Powe HELPS"	er storage –
	01/05/2001 - 30/04/2005
5 th FP - ENK5-CT2001-00536 " <i>Cluster Pilot Project for the Integration of RES into European Energy S</i> <i>RES2H2"</i>	Sectors Using Hydrogen —
	01/01/2002 - 31/12/2006
5 th FP - EVK4-CT2001-00058 " <i>Evaluation & Demonstration of Innovative City Tran</i> s <i>EDICT"</i>	sport –
	01/12/2001 - 31/05/2004
5 th FP - NNE5-PTA-2002-003/1 " Specific Agreement for Technical Assistance Servi	ces"
	01/07/2002 - 30/06/2005
TREN/04/FP6EN/S07.32890/503138 "The Integration of Micro-CHP and Renewable Energy	· Systems"
	01/10/2004 - 30/09/2007
ALTENER – 4.1030/Z/01-101 " <i>Market potential analysis for introduction of hydrogen energy te</i>	chnology in SAPS"
	01/02/2002 - 31/01/2004
Geothermal energy	
5 th FP - NNE5-1999-00041 " <i>Milos geothermal energy driven ORC turbo-generator and sea-water desalination plant - MIDES"</i>	
	01/06/2000 - 30/04/2004
6 th FP - TREN/04/FP6EN/SO7.31402/503063 "Ground Coupled Heat Pumps of High Technolo GROUNDHIT (STREP) "	gy –
	01/06/2004 - 31/05/2008

Programme-Contract No – Project title - Duration

Photovoltaic

5th FP - ENK6-CT2000-00326

"Development of Multi-battery Management System for Renewable Energies – MULTIBAT"

01/01/2001 - 30/06/2004

5th FP - ENK6-CT2001-00522 "*Distributed generation with high penetration of RES – DISPOWER*"

01/01/2002 - 31/12/2005

5th FP - ENK6-CT2001-80576

"Classification of renewable energy systems, setting standards and norms for benchmarking and development of planning tools for best practice for non-grid electricity supply – BENCHMARKING"

01/01/2002 - 31/12/2004

5th FP - ENK6-CT2001-00588

"Hydrogen fed Miniature Fuel Cell for Next Generation Portable Equipment – H₂MINIPAC"

01/01/2002 - 31/12/2004

5th FP - NNE5-2001-00736

"Technology transfer, demonstration and scientific exchange action for the establishment of a strong European PV sector – PV Enlargement"

01/01/2003 - 31/12/2006

5th FP - NNE5-2002-00046

"Network for co-ordination of European and National Programs for PV Solar Energy – PV-NAS-NET"

01/01/2003 - 30/06/2004

5th FP - ENK5-CT2002-30018

"Standard agreement between SME contractors and RTD performers in Cooperative research contracts by the Commission – HELSOLAR"

01/01/2003 - 31/12/2004

5th FP - ENK6-CT2002-00624

Superconducting magnetic energy storage based on high transition temperature superconducting materials for high quality power – HOTSMES[″]

01/01/2003 - 31/12/2006

Programme-Contract No – Project title - Duration	
5 th FP - ENG2-CT2002-20657 "The fuel cells testing and standardization network -FCTESTNET"	
	01/01/2003 - 31/12/2005
5 th FP – SES6-CT2003-503516 " The Birth of a European Distributed Energy Partnership that wil Implementation of Distributed Energy Resources in Europ	
	01/01/2004 - 30/06/2009
CRAFT DG TREN – 1999 – 71706 " <i>Innovative Battery Cell for PV Applications</i> <i>IBPV"</i>	
	01/04/2003 - 01/03/2005
6 th FP – ERAC-CT2004-011814 "Networking and Integration of National and Regional Program Photovoltaic (PV) Solar Energy Research and Technological Deve European Research Area (ERA) – PV-ERA-NET	lopment (RTD) in the
	01/10/2004 - 30/09/2008
6 th FP – COOP-CT2004-512510 "Large Area DSSC for Building Integrated PV Tile – BU	LID-DSSC ″
	08/09/2004 - 07/09/2006
6 th FP – COOP-CT2004-513046 "REFLECTS "	
	01/10/2004 - 30/09/2006
Thermal solar	
SAVE – 4.1031/Z/01-099 " <i>Technical Support to the Tourism Industry with Energy Saving con</i> <i>Energy Technologies – HOTEST"</i>	nbined with Renewable
	01/11/2002 - 31/10/2004
ALTENER – 4.1030/Z/02-084 " <i>Solar Thermal Process coupled with Heat Recovery technologies in</i> <i>PROCESOL II"</i>	n the Industrial Sector –
	01/06/2003 - 31/05/2005
Wave energy	
haro onorgy	

Programme-Contract No - Project title - Duration	
5 th FP - ICA2-CT2000-10049 " Development of components of environmentally compatible system for economics progress in arctic coastal areas based on the use of regional renewable resources – MARINECO"	
	01/12/2000 - 30/11/2004
5 th FP - EVK1-CT2001-00094 " <i>Development evaluation and implementation of a standardized fish-bas</i> <i>the ecological status of European rivers – FAME</i>	
	01/01/2002 - 31/10/2004
SES6-502701 "Co-ordinated Action on Ocean Energy"	
	1/10/2004 - 1/10/2007
Renewable Energy Sources	
Leonardo da Vinci – EL/2004/B/F/PP-148259 " <i>Save the Earth: Counsellors and Advisors on Renewable Energy Occupation –</i> <i>EARTHCARE"</i>	
	10/10/2004-09/10/2006
Services to third parties	
Wind energy	
Private contract with MADE Technologias Renovables "Power curve measurement for wind turbine AE-59 in T	
	03/10/2002 - 15/03/2004
Private contract with GAMESA EOLICA "Load measurement G80-2MW"	
	14/01/2003 - 15/07/2004
Private contract with GAMESA EOLICA "Load measurement G80-1.5MW"	
	17/03/2003 - 15/07/2004
Private contract with GAMESA EOLICA " <i>Load measurement G83-2MW"</i>	
	15/10/2003 - 15/07/2005
Private contract with GAMESA EOLICA 4 <i>Power curve measurement</i>	
	15/12/2004 - 15/07/2005

Programme-Contract No – Project title - Duration	
Private contract with ENEL GREEN POWER "Power curve measurement for four wind parks in Italy"	
	15/10/2003 - 31/12/2005
Private contracts for " Power curve measurement for wind turbines in G	ireece″
14/03/2002 - 30/05/2005	
Private contracts for Wind potential measurements in Greece	
	01/01/2004 - 31/12/2005
Private contracts for Wind potential measurement abroad	
	01/01/2004 - 31/12/2005
Private contracts for ""Study on wind potential assessment & micrositing of wind parks"	
	10/11/2003 - 31/04/2005
Contracts with private sector companies	
(dur	01/01/2004 - 31/12/2004 ation: <i>15 days - 1½ month</i>)
Geothermal	
Private contract with Hellenic Civil Aviation Auth	ority
	28/08/2002 - 22/06/2004
Photovoltaic	
Private contracts with municipal development company	of Maroussi
Small Hydro	20/07/2004 - 20/09/2004

Programme-Contract No - Project title - Duration	
Private Contract "Installation of a water flow measuring sys	stem ″
	15/10/2003 - 15/10/2004
Private Contract for Small Hydro	
	20/10/2003 - 20/04/2004
Private Contract for Small Hydro	
	19/11/2004 - 19/02/2005
Private Contract for Small Hydro	
	09/12/2003 - 09/03/2005
Private Contract for Small Hydro	
22/11	Ι/2004 - Λήξη κατασκευής ΜΥΗ
Private Contract for Small Hydro	
	9/12/2004 - 24/03/2005

R&D RUE/ES PROJECTS

Programme-Contract No – Project title - Duration
Projects in the framework of European programmes
5 th FP – NNE/2000/534 " <i>EUBART"</i>
01/08/2001 - 30/09/2004
SAVE – 4.1031/Z/01-103 "Framework Innovations for building renovation – best practices for the renovation of multifamily residential buildings built after WW II – FRAMES"
01/01/2003 - 31/12/2004
SAVE – 4.1031/Z/01-037 "Global Renewable Energy Efficient Neighborhoods – GREEN CATALOGUE"
01/12/2002 - 31/12/2004
5 th FP – EVK1-CT2002-80002 "RUROS Network – GREEN CLUSTER"
01/02/2003 - 31/01/2005
ALTENER – 4.1030/Z/01-045 " <i>Biogas Centre of Excellence"</i>
01/01/2002 - 31/12/2004
5 th FP – NNE5-2001-0378 " Zero Emission Neighborhoods - ZEN "
01/11/2002 - 30/04/2005
LIFE/ENV/GR/000722 "Green Games and Local Authorities - GALA"
01/10/2001 - 30/09/2004

Services to third parties	
ENERGY DESIGN OF THE NEW BUILDING FOR THE SCHOOL OF CIVIL ENGINEERING OF THE UNIVERSITY OF THESSALY Private contract with POTIROPOULOS ASSOCIATES	
	01/09/2004 - 30/09/2004
REDEVELOPMENT OF THE ANALIPSEOS SQUARE AND THE SURROUNDING SPACES WITH BIOCLIMATIC DESIGN CRITERIA	
Private contract with MUNICIPALI	TY OF VRILISSIA
	04/07/2003 - 31/01/2004
ENERGY DESIGN OF THE DOUBLE GLAZING FAÇADE OF THE NEW I.M.E. THEATER BUILDING Private contract with ANDREADIS ASOCIATES	
	15/12/2004 - 17/01/2005
INVESTIGATION OF THE ENERGY PERFORMANCE OF LAVABLOCK BRICKS Private contract with STAGAKIS SA 27/07/2004 - 24/08/2004	
INVESTIGATION OF THE ENERGY PERFORMANCE OF BUILDING COMPONENTS MADE OF BRICKS WITH CALCULATION METHODOLOGIES AND MEASUREMENTS Private contract with GIGAS SA	
	22/11/2004 - 15/04/2005
<i>Private contract with Intermediate Agent "AEDEP"</i>	
	21/11/2002 - 31/12/2006
Private contract with <i>Intermediate Agent</i> "ANDIA	
	14/01/2003 - 31/12/2006
Private contract with <i>Intermediate Agent</i> "Diaxiristiki"	
	22/05/2203 - 31/12/2006