

INTERNATIONAL CENTRE OF COMPETENCES FOR INNOVATION IN THE MEDITERRANEAN COUNTRIES

PRIORITY AXIS 1: STRENGTHENING COMPETITIVENESS AND INNOVATION

SPECIFIC OBJECTIVE 1.1: STRENGTHENING INTERACTION BETWEEN RESEARCH, INNOVATION, SMES AND PUBLIC AUTHORITIES

WP 4 – Act. 4.1.2

RESIDENTIAL COURSE PROGRAMME

WINTER SCHOOL
ENERGY&ENVIRONMENT

March 17th-21st 2014

Patra-Greece

Date	Hours	Content
17/03/2014 Mon Morning	4 Hours	Welcome-Introduction to the course by Professor P. Groumpos Photovoltaic cells Physics of PV –cells / characteristics of PV - Modules
17/03/2014 Mon Afternoon	4 Hours	Basics of PV-Systems Components –Sizing of PV – Arrays Stand Alone PV-Systems
18/03/2014 Tue Morning	4 Hours	PV-GRID –Connected Systems smart Energy Systems Hybrid Energy Systems
18/03/2014 Tue Afternoon	4 Hours	Advanced Methods Applications
19/03/2014 Wed Morning	4 Hours	Introduction to Environmental Aspects. Pollution of Environment
19/03/2014 Wed Afternoon	4 Hours	Sea pollution /soil pollution Water pollution
20/03/2014 Thu Morning	4 Hours	Techno Economic Studies for Energy and Environmental systems

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20/03/2014 Thu Afternoon	4 Hours	Applications case studies
21/03/2014 Fri Morning	8 Hours	Pilot visit / wind or PV Systems in WG
Total hours	40	