## Coordinators:

## **Leonor Hernández**

Joan Raül Burriel Zoltán Bujdosó Liliana Topliceanu

## Training needs in renewable energies for local development

Study of prospective and training needs of renewable energies market for local development



## — INDEX

INDEX		_ 3
INTROD	UCTION	
1. CONT	ехт	16
1.1.	STATUS OF RENEWABLE ENERGIES IN EUROPE	16
	TRAINING IN RENEWABLE ENERGIES FOR RURAL DEVELOPMENTEDUCATIONAL FRAME IN THE EUROPEAN UNION	
2. OBJEC	TIVES	26
3. WORK	METHODOLOGY	29
3.1.	PROCEDURE	29
3.2.	EMPIRICAL TECHNIQUES	
	EMPIRICAL SAMPLE	
	STUDY: CASTELLÓN (SPAIN)	
	CONTEXT	
	DELIMITATION OF THE TERRITORY	
	ECONOMIC CONTEXT	
	GEOGRAPHICAL AND DEMOGRAPHIC CONTEXT	
	SOCIO-ECONOMIC DIAGNOSIS OF TERRITORY	
	RENEWABLE ENERGIES AND DEVELOPMENT	
	CURRENT ENERGY SITUATION	
	DEVELOPMENT OF RENEWABLE ENERGIES	
	RENEWABLE ENERGY TARGETS AND TRAJECTORIES	
	EMPLOYMENT AND RENEWABLE ENERGY	
	RENEWABLE ENERGY LEGISLATION	
4.3. I	MAP OF ACTORS	49
4.3.1.	LOCAL GOVERNMENT	_49
4.3.2.	MANAGERIAL SECTOR	_50
4.3.3.	FORMATIVE CENTERS AND RESEARCH	_52
4.3.4.	OTHER STAKEHOLDERS LOCALLY REPRESENTED	_53
4.3.5.	OTHER LEVELS	_54
4.4.	TRAINING, RENEWABLE ENERGIES AND RURAL DEVELOPMENT	55
4.4.1.	EDUCATION AND TRAINING ABOUT RENEWABLE ENERGIES IN THE PROVINCE OF CASTELLÓN	_56
4.4.2.	ACCREDITATION FOR FACILITIES IMPLEMENTATION AND CERTIFICATION	_59
	EMPIRICAL STUDY. PERCEPTION OF THE ACTORS ABOUT THE TRAINING NEEDS ON	_
	RENEWABLE ENERGIES FOR RURAL DEVELOPMENT	59
	SAMPLE	_59
452	ANALYSIS OF THE INTERVIEWS AND THE FOCUS GROUP	62



STUDY: BACAU (ROMANIA)	71
CONTEXT	71
GEOGRAPHICAL AND DEMOGRAPHIC CONTEXT	
SOCIO-ECONOMIC DIAGNOSIS OF TERRITORY	74
RENEWABLE ENERGIES AND DEVELOPMENT	78
CURRENT ENERGY SITUATION	79
DEVELOPMENT OF RENEWABLE ENERGIES	81
RENEWABLE ENERGY TARGETS AND TRAJECTORIES	83
EMPLOYMENT AND RENEWABLE ENERGY	84
RENEWABLE ENERGY LEGISLATION	84
MAP OF ACTORS	86
LOCAL GOVERNMENT	
MANAGERIAL SECTOR	89
FORMATIVE CENTERS AND RESEARCH	89
OTHER STAKEHOLDERS LOCALLY REPRESENTED	91
FRAINING, RENEWABLE ENERGIES AND RURAL DEVELOPMENT	91
ACCREDITATION FOR FACILITIES IMPLEMENTATION AND CERTIFICATION	
EMPIRICAL STUDY. ACTORS' VIEW ON THE TRAINING NEEDS REGARDING RENEWABL	E
ENERGIES FOR RURAL DEVELOPMENT	94
SAMPLE	
ANALYSIS OF THE INTERVIEWS AND THE FOCUS GROUP	97
STUDY: HEVES (HUNGARY)	104
NTEXT	104
SOCIO-ECONOMIC DIAGNOSIS OF TERRITORY	
RENEWABLE ENERGIES AND DEVELOPMENT	113
RENEWABLE ENERGY LEGISLATION	
MAP OF ACTORS	124
OTHER STAKEHOLDERS LOCALLY REPRESENTED	
FRAINING, RENEWABLE ENERGIES AND RURAL DEVELOPMENT	127
FRAINING, RENEWABLE ENERGIES AND RURAL DEVELOPMENTEDUCATION AND TRAINING ABOUT RENEWABLE ENERGIES IN HEVES COUNTY	
	RENEWABLE ENERGIES AND DEVELOPMENT  CURRENT ENERGY SITUATION  DEVELOPMENT OF RENEWABLE ENERGIES  RENEWABLE ENERGY TARGETS AND TRAJECTORIES  EMPLOYMENT AND RENEWABLE ENERGY  RENEWABLE ENERGY LEGISLATION  MAP OF ACTORS  LOCAL GOVERNMENT  MANAGERIAL SECTOR  FORMATIVE CENTERS AND RESEARCH  OTHER STAKEHOLDERS LOCALLY REPRESENTED  ITRAINING, RENEWABLE ENERGIES AND RURAL DEVELOPMENT  EDUCATION AND TRAINING ABOUT RENEWABLE ENERGIES IN BACĂU  ACCREDITATION FOR FACILITIES IMPLEMENTATION AND CERTIFICATION  EMPIRICAL STUDY. ACTORS' VIEW ON THE TRAINING NEEDS REGARDING RENEWABLE ENERGIES FOR RURAL DEVELOPMENT  SAMPLE  ANALYSIS OF THE INTERVIEWS AND THE FOCUS GROUP  STUDY: HEVES (HUNGARY)  NITEXT  DELIMITATION OF THE TERRITORY  ECONOMIC CONTEXT  GEOGRAPHICAL AND DEMOGRAPHIC CONTEXT  SOCIO-ECONOMIC DIAGNOSIS OF TERRITORY  RENEWABLE ENERGIES AND DEVELOPMENT  CURRENT ENERGY SITUATION  DEVELOPMENT OF RENEWABLE ENERGIES  RENEWABLE ENERGIES AND DEVELOPMENT  CURRENT ENERGY SITUATION  DEVELOPMENT OF RENEWABLE ENERGIES  RENEWABLE ENERGY TARGETS AND TRAJECTORIES  EMPLOYMENT AND RENEWABLE ENERGY  RENEWABLE ENERGY LEGISLATION  MAP OF ACTORS  LOCAL GOVERNMENT  MANAGERIAL SECTOR  FORMATIVE CENTERS AND RESEARCH



6.5	EMPIRICAL STUDY. PERCEPTION OF THE ACTORS ABOUT THE TRAINING NEEDS ON
	RENEWABLE ENERGIES FOR RURAL DEVELOPMENT
6.5.1	
6.5.2	ANALYSIS OF THE INTERVIEWS AND THE FOCUS GROUP
7. COM	PARISON OF CASE STUDIES
7.1.	CONTEXT
7.1.1	. DELIMITATION OF THE TERRITORY
7.1.2	. ECONOMIC CONTEXT
7.1.3	. GEOGRAPHICAL AND DEMOGRAPHIC CONTEXT
7.1.4	. SOCIO-ECONOMIC DIAGNOSIS OF TERRITORY
7.2.	RENEWABLE ENERGIES AND DEVELOPMENT
7.2.1	
7.2.2	. DEVELOPMENT OF RENEWABLE ENERGIES
7.2.3	. RENEWABLE ENERGY TARGETS AND TRAJECTORIES
7.2.4	
7.2.5	. RENEWABLE ENERGY LEGISLATION
7.3.	MAP OF ACTORS
7.3.1	. LOCAL GOVERNMENT
	. MANAGERIAL SECTOR
	. FORMATIVE CENTERS AND RESEARCH
7.3.4	OTHER STAKEHOLDERS LOCALLY REPRESENTED
7.4.	TRAINING, RENEWABLE ENERGIES AND RURAL DEVELOPMENT
7.4.1	
7.4.2	
7.5.	EMPIRICAL STUDY. PERCEPTION OF THE ACTORS ABOUT THE TRAINING NEEDS ON
	RENEWABLE ENERGIES FOR RURAL DEVELOPMENT
7.5.1	. SAMPLE
	. ANALYSIS OF THE INTERVIEWS AND THE FOCUS GROUP
ANNEXI	ES
ANNEX	(I:
	OF PARTICIPANTS IN THE STUDY
	(II:
	N QUESTIONNAIRE ON TRAINING NEEDS IN THE FIELD OF RENEWABLE ENERGIES FOR RURAL
DEVE	ELOPMENT
	· III:
	ED QUESTIONNAIRE ABOUT COMPETENCES IN THE FIELD OF RENEWABLE ENERGY FOR RURAL
DEVE	ELOPMENT
	IV: GUIDE FOR THE FOCUS GROUP
A.	INTRODUCTION
В.	PHASES TO DEVELOP
_	MODERATOR'S CHIDE

