

GROUNDMED PROJECT

“Advanced ground source heat pump systems for heating and cooling in Mediterranean climate”

WP2, Kick off meeting

CIAT
(F) 01350 CULOZ

27th & 28th of April 2009

Confidential Document

Participants

Partner	Name	Surname	Participation
UPV	GONZÁLVEZ MACIÁ	JOSÉ	27 th and 28 th
	CORBERÁN SALVADOR	JOSÉ MIGUEL	27 th and 28 th
	MUÑOZ CASTELLÓ	MIGUEL	27 th and 28 th
	MONTAGUD MONTALVÁ	CARLA	27 th and 28 th
EST SETUBAL	COELHO	LUIS	27 th
	GARCIA	JOAO	27 th and 28 th
GROENHOLLAND	VAN GELDER	GUUS	27 th and 28 th
CRES	KARYTSAS	COSTAS	27 th and 28 th
	MENDRINOS	DIMITRIOS	27 th and 28 th
ISR	DE ALMEIDA	ANIBAL	27 th and 28 th
CEA	COLASSON	STEPHANE	27 th and 28 th
CIAT	ABRY	MARCEL	27 th and 28 th
	GARRIDO	DAMIEN	27 th and 28 th
	SMANIOTTO	JOCELYN	27 th and 28 th
	AUZENET	ERIC	27 th and 28 th

Program

27th of April :

- Task 2.1 – High energy efficiency large capacity heat pumps

09H00 : Welcome to the participants
Round table
Presentation of CIAT (movie)

10H15 : Presentations of the possible contributions from the partners : UPV, ESTS, CEA, CRES, ISR, GROENH, CIAT

Starting from the presentation that CIAT did in Athens regarding his point of view on WP2, I suggest that each partner presents what he suggests in terms of possible contribution to task 2.1

Items to be discussed: refrigerant, compressors, heat exchangers, expansion device, simulation software, heat pump control, technical requirement for heat pumps (capacity, EER/COP/SPF, operating map...), boreholes types, heat pump controller, maintenance, etc ...

Approximately 20 minutes for each partner to make presentation followed by discussion.

10H45 : Coffee break for 15 minutes

11H00 : Presentations of the possible contributions from the partners : UPV, ESTS, CEA, CRES, ISR, GROENH, CIAT

13H00 : Lunch

14H15 : Visit of CIAT Research & Innovation Centre

15H15 : Presentations of the possible contributions from the partners : UPV, ESTS, CEA, CRES, ISR, GROENH, CIAT - End of discussion on contributions

17H30 : Conclusion for the first day – share of work

18H00 : End of the meeting

19H30 : Dinner

28th of April :

- Task 2.2 – High energy efficiency HVAC system

9H00 : Presentations of the possible contributions from the partners : UPV, ESTS, CEA, CRES, ISR, GROENH, CIAT

Starting from the presentation CIAT did in Athens regarding his point of view on WP2, I suggest that each partner presents what he suggests in terms of possible contribution to task 2.2

Items to be discussed: motors, PCM, system design, geocooling, system optimization, central controller, etc...

Approximately 20 minutes for each partner to make presentation followed by discussion.

10H45 : Coffee break for 15 minutes

11H00 : Visit of CIAT factory (large heat pumps factory) - Optional

13H00 : Lunch

14H30 : Presentations of the possible contributions from the partners : UPV, ESTS, CEA, CRES, ISR, GROENH, CIAT

15H15 : Presentations of the possible contributions from the partners : UPV, ESTS, CEA, CRES, ISR, GROENH, CIAT

17H00 : End of the meeting – Back to the Hôtel

19H30 : Dinner