

ThermalNet

An integrated network on thermal biomass conversion for power, heat and transport fuels

Supported by

Intelligent Energy – Europe
Programme of the European Community

Intelligent Energy  Europe

and IEA Bioenergy for PyNe

Structure

ThermalNet

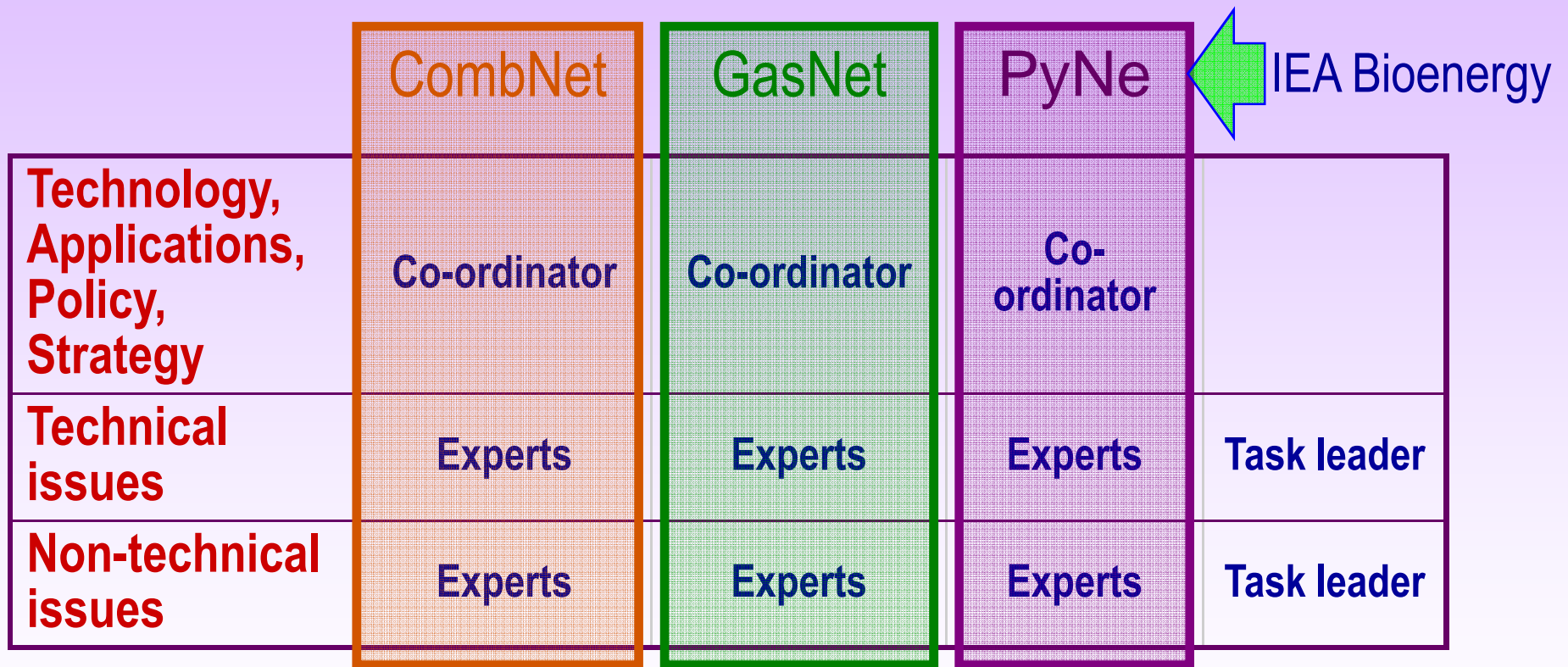
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CombNet (Combustion Network)

GasNet (Gasification Network)

PyNe (Pyrolysis Network)

Concept



Tasks

TECHNOLOGY and APPLICATIONS, POLICY and STRATEGY	
TECHNICAL ISSUES	NON-TECHNICAL ISSUES
Biorefinery	Barriers (T&NTB)
Characterisation & analysis	Education and training
Co-processing & co-firing	Economics
Feedstocks	Environment health & safety
Fouling, corrosion, erosion	
Gas treatment	
Science and modelling	
Transport fuels	

ThermalNet

	PyNe	GasNet	CombNet	
TECHNOLOGY				
Technology, applications	Co-ordinator	Co-ordinator	Co-ordinator	
Policy and strategy				
TECHNICAL TASKS				
Biorefinery	Experts			Task leader
Characterisation & analysis	Experts	Experts	Experts	Task leader
Co-processing and co-firing	Experts	Experts	Experts	Task leader
Feedstocks and standards	Experts	Experts	Experts	Task leader
Fouling, corrosion, erosion	Experts	Experts	Experts	Task leader
Gas treatment	Experts	Experts	Experts	Task leader
Science and modelling	Experts	Experts	Experts	Task leader
Transport fuels	Experts	Experts		Task leader
NON-TECHNICAL TASKS				
Economics	Experts	Experts	Experts	Task leader
Environment, health & safety	Experts	Experts	Experts	Task leader
Barriers	Experts	Experts	Experts	Task leader
Education and training	Experts	Experts	Experts	Task leader

Programme for Vienna

Thursday 24 April 2008		
09.00	Introduction and Welcome - Tony Bridgwater	
09.15	Feedstocks & Standards (2C)	Michael Doran
09.45	Modelling (2F)	Columba di Blasi
10.15	Barriers (3A)	Wolter Prins
10.45	Break	
11.15	Combustion Technology Overview	Sjaak van Loo
11.30	Fouling, Corrosion, Erosion (2D)	Bill Livingston
12.00	Co-processing (2B)	Gerrit Brem
12.30	Lunch	
14.00	Gasification Technology Overview	Hermann Hofbauer
14.15	Gas Treatment (2E)	Eva Larsson
14.45	Break	
15.15	Workshop - Strategy and Policy Tony Bridgwater, Sjaak van Loo, Hermann Hofbauer	
	Group Dinner in Vienna town centre	

Programme for Vienna

Friday 25 April 2008		
09.00	Economics (3B)	Max Lauer
09.30	Environment, Health & Safety (3D)	CIRAD
10.00	Education and Training (3C)	Leonardo Nibbi
10.30	Break	
11.00	Pyrolysis Technology Overview	Tony Bridgwater
11.15	Characterisation (2A)	Dietrich Meier
11.45	Transport Fuels (2G)	Herman den Uil
12.15	Biorefineries (2H)	Doug Elliott
12.45	Close of Meeting	
12.45	Lunch	
14.30	IEA Bioenergy Task 34 - PyNe Planning for the rest of 2008	