



Programme “Energy Efficiency”

Day	Time	Content
Day 1	<i>Energy efficiency essentials: build environment and consumers</i>	
	08.45 – 09.00	Introduction to the course
	09.00 – 11.15	Energy efficiency as an energy source: <ul style="list-style-type: none"> - Resources conservation and recovery - Energy end-use efficiency - Role of renewable energy and energy efficiency for global energy supply - Energy efficiency vs. energy consumption - Energy efficiency indicators
	11.15– 11.30	Break
	11.30 – 12.30	Energy efficiency in industrial processes: <ul style="list-style-type: none"> - Relation between energy efficiency and pollution - Greenhouse gas emission reduction - Combined heat and power plant and the role of natural gas in energy efficiency improvement
	12.30– 13.30	Lunch
	13.30 – 15.30	Energy efficiency in the residential sector: <ul style="list-style-type: none"> - Large scale energy saving in residential buildings, insulation - Energy efficiency measures for households: appliances and lighting - Energy efficiency labels for household appliances - Examples for the industry
	15.30 – 15.45	Break
	15.45 – 18.00	Energy efficiency and consumers <ul style="list-style-type: none"> - Consumer behaviour, consumer feedback to deliver energy savings - Rebound effect - Tips on saving money and energy at home – examples from practice - Interactive debate
	18.00 – 18.30	Free time
	18.30	Dinner
Day 2	<i>The energy system, business cases and regulations related to energy efficiency</i>	
	09.00 – 12.00	Energy efficiency in a context of sustainable and secure energy system <ul style="list-style-type: none"> - Effects of a single element’s efficiency on the full energy supply chain - Energy efficiency in the lifecycle of products - Energy efficiency roadmap for Europe - Innovative technologies and strategies in implementing energy efficient measures - Biomimicry and energy efficiency – bio inspired energy
	12.00 – 13.00	Lunch
	13.00 – 14.30	Financing energy efficiency <ul style="list-style-type: none"> - New business models for energy efficiency - Strategies and incentives to finance energy efficiency projects - ESCO’s energy service companies
	14.30 – 14.45	Break
	14.45 – 16.15	Impact of regulation on energy efficiency implementation in build environment <ul style="list-style-type: none"> - EU directives on energy efficiency - Projections and future forecasts for energy efficiency implementation in build environment in Europe - Examples of energy efficiency policies from other parts of the world
	16.15 – 16.45	Concluding session - evaluation
	16.45	Certificate ceremony & drinks

This programme was designed within the framework of the EDIaal program

EDIAAL is an Energy Delta Institute programme that aims to gather, edit and make available independent knowledge on the role of gas in the transition to a low carbon economy. The main purpose of the project is to enhance the economic position of the northern provinces of the Netherlands and their positioning as the “Energy Valley.” Within the framework of EDIAAL, EDI sets up accessible training programmes, conferences and network meetings and makes relevant information on energy available to public and private market parties in the northern part of the Netherlands.

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