





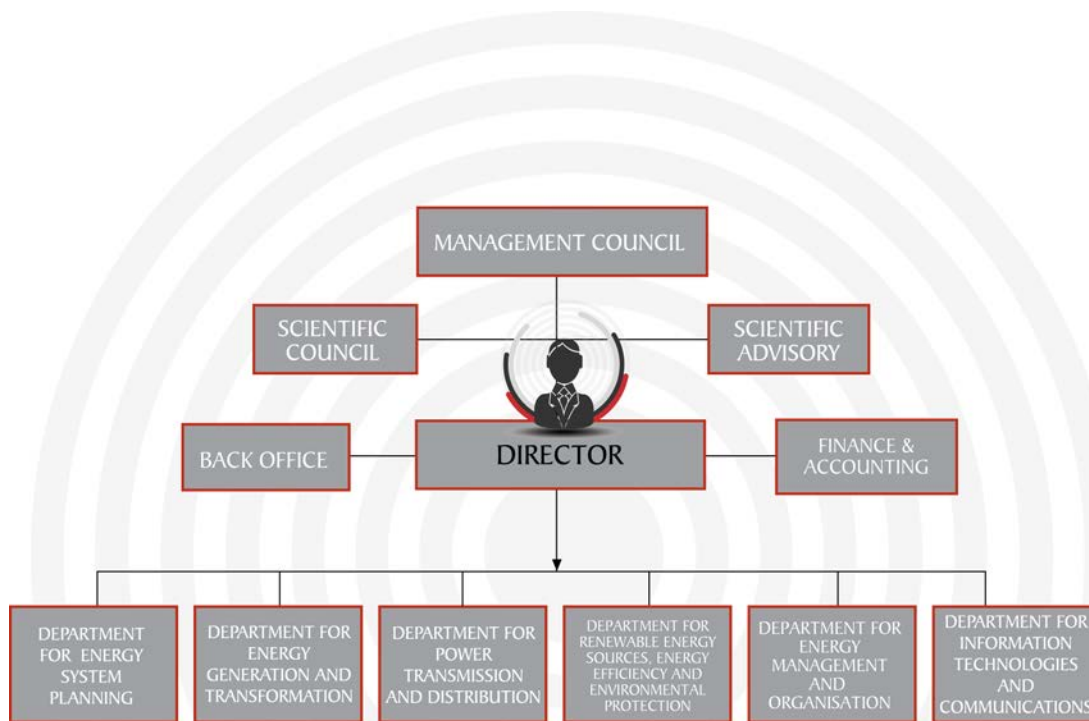
25

Years of  
experience -  
Creating better  
energy and  
climate future

# EIHP ORGANIZATIONAL SCHEME

85 Employees

21 Ph.D.





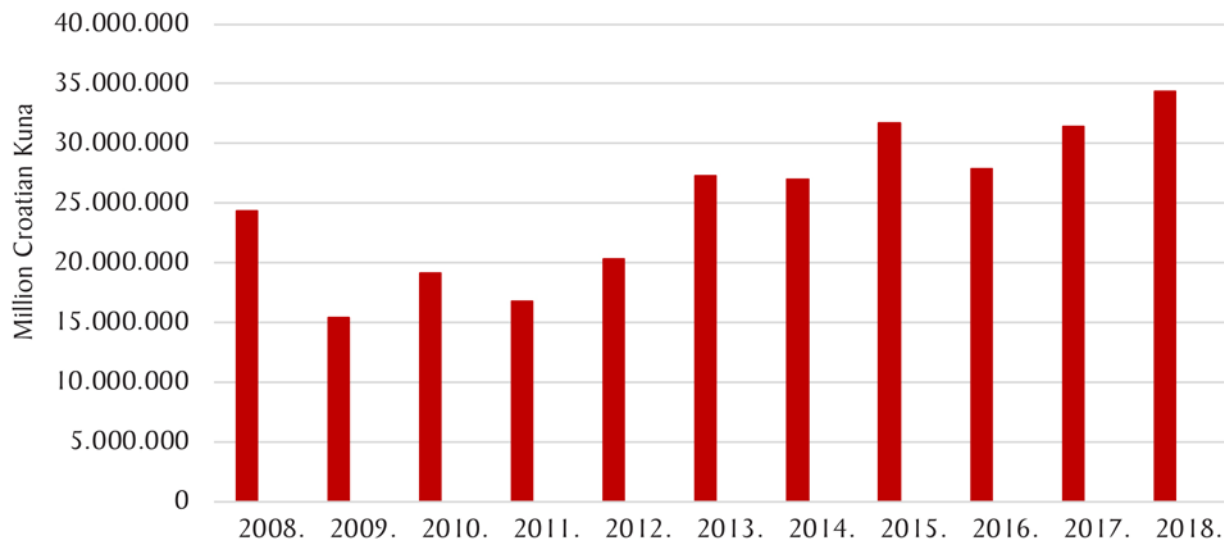
## OUR GOAL

to be recognized as the centre of excellence in the field of energy planning, analysis and environmental protection in the wider region

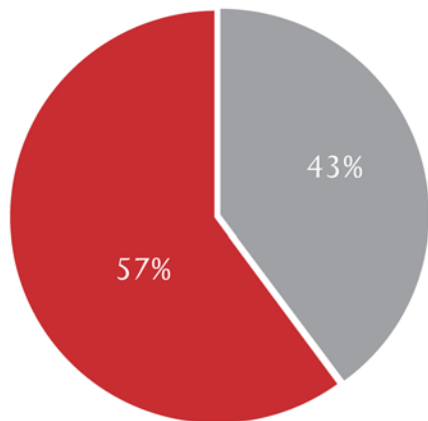




## EIHP REVENUE

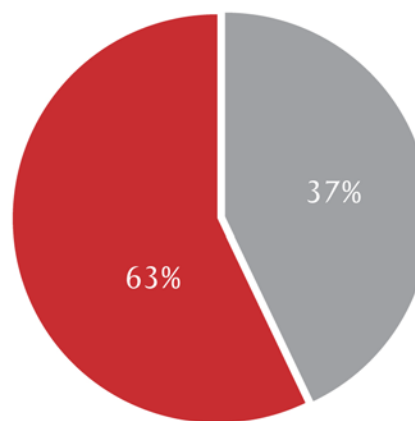


2017



Domestic business income ■  
Foreign business income ■

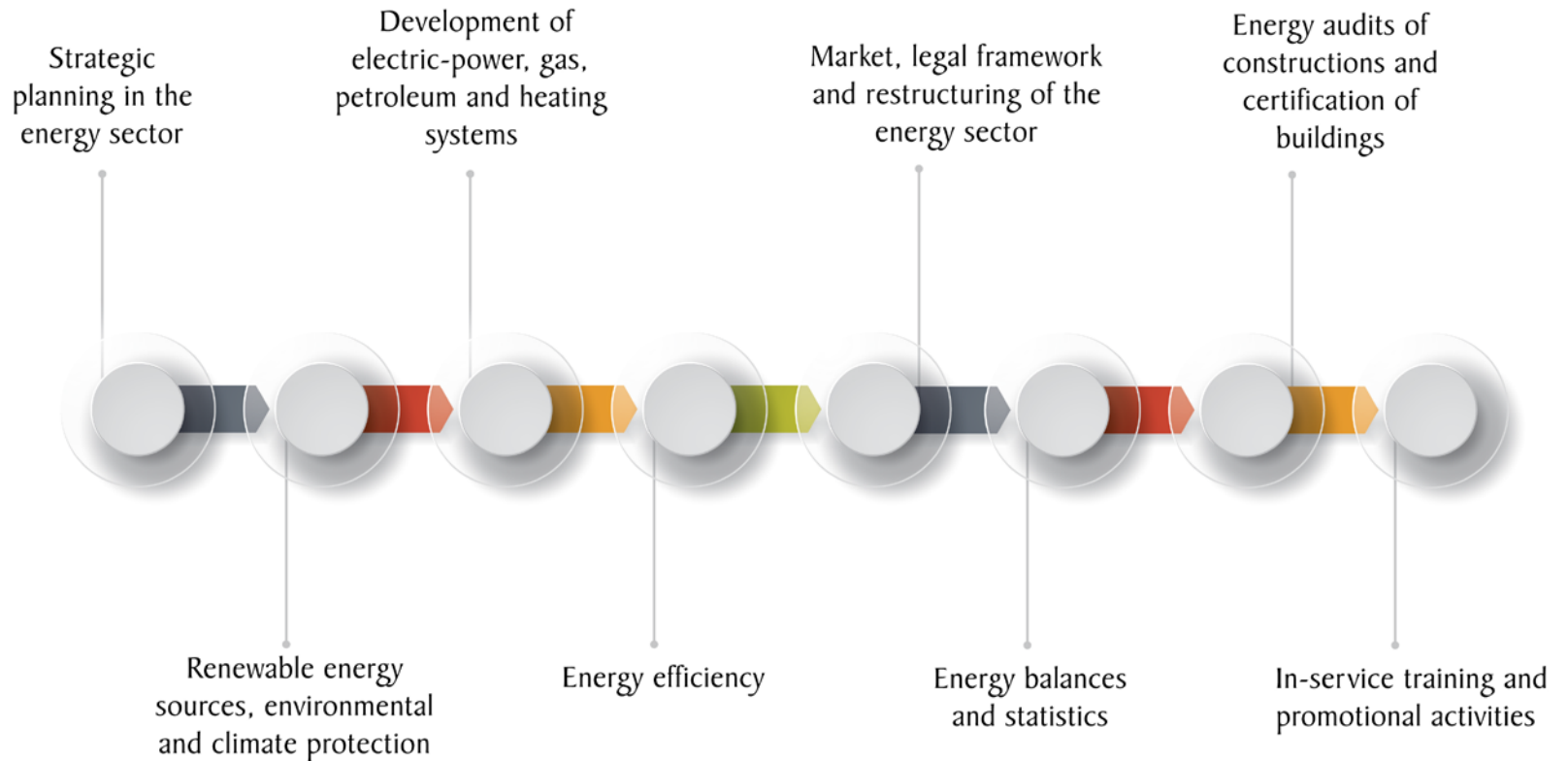
2018



Domestic business income ■  
Foreign business income ■



## THE INSTITUTE'S AREAS OF ACTIVITY



- 
- Preparing regional strategic documents and action plans
  - Preparing national energy development strategies and national action plans
  - Preparing national sectoral strategic documents and national sectoral action plans
  - Preparing regional energy development strategies and regional action plans
  - Preparing municipal or city development plans
  - Preparing the technical basis for strategic planning of the development of companies in the energy sector.
-

## DEVELOPMENT OF ELECTRIC-POWER, GAS, PETROLEUM AND HEATING SYSTEMS

- 
- Development of energy networks development plans
  - Development of energy system master plans
  - Feasibility studies for the construction of power plants
  - Operation optimization of a part of or the entire energy system
  - Calculation of the potential power plant output
  - Analyses of the energy supply quality
  - Analyses of the safety and reliability of energy systems operation
  - Technical and economic analyses of the impact of installation of various equipment in energy systems
  - Conducting surveys and studies on connecting renewable energy plants other production plants and consumers to the power-supply network
-

## MARKET, LEGAL FRAMEWORK AND RESTRUCTURING OF THE ENERGY SECTOR

- 
- Analysis of market potentials for particular energy companies
  - Benchmarking analyses of system operators and operational events statistics
  - Preparation of bases for the calculation of energy networks utilization fees
  - Provision of expert opinion in lawsuits
  - Tariff policy and tariff methodologies
  - Preparation of legislative bases for legislation and supporting legislation
  - Drafting legislation and supporting legislation
  - Restructuring, organization and refinancing of energy companies
-

- Data collection and development of energy balances of the Republic of Croatia
- Data collection and development of energy balances on the level of counties, cities and lower administrative units
- Conducting opinion polls on energy consumption in the final consumption sectors
- Calculation of energy efficiency indicators, Adaptation of the national statistics systems in other countries to international standards (IEA/EUROSTAT/UNSD)
  - Development of methods for energy data collection (monthly/quarterly/annual reports, opinion polls on energy consumption)
  - Development of methods for the preparation of energy statistics: integrated energy balances, monthly statistics, price statistics, energy efficiency indicators)

- Research and assessment of energy potential of particular renewable energy sources
- Environmental impact assessment for energy plants
- Measurement of available resources, research and assessment of energy potential of renewable energy sources, bankable studies of potential for the commercial sector
- RES plants site selection and evaluation
- Consultation on the choice of technology and project solution for the planned power plants
- Market analyses and research, assessments and forecasts for public and commercial sectors
- Project due diligence prior to financial closing or in the process of taking over, sell-side and buy-side consulting
- Conducting studies and preparation of technical bases in the field of climate change mitigation and adaptation
- Models of financing the climate change mitigation and adaptation

- 
- Research and assessment of energy potential (energy systems, building design and construction, industry, traffic)
  - Organizing and implementing projects and programmes
  - Action plans
-

## ENERGY AUDITS AND CERTIFICATION IN BUILDING, SERVICE AND INDUSTRY SECTOR

- 
- Development of energy audit methodologies
  - Conducting energy audits and certification
  - Energy certificates control and professional training
-

- 
- Organization of professional, scientific and promotional conferences
  - Preparing, organizing and conducting specialist opinion polls
  - Public opinion polling
  - Permanent in-service training
  - Publishing manuals and guidebooks
-

## EIHP DELIVERS

Around **200** PROJECTS  
(studies, elaborations, analyses etc.)  
per year.





High level of professionalism in preparing, managing and executing international scientific programmes

# SOFTVERS

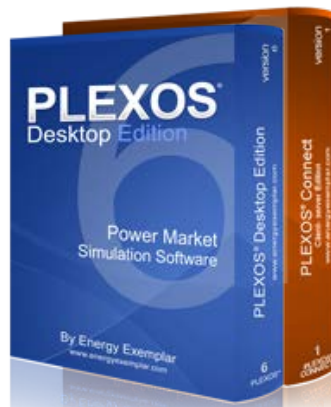


SQL Server



**IAEA**  
International Atomic Energy Agency

- MESSAGE: Model for Energy Supply
- Strategy Alternatives and their General



**PSS®E**      **SIEMENS**

High-Performance Transmission Planning Application for the Power Industry





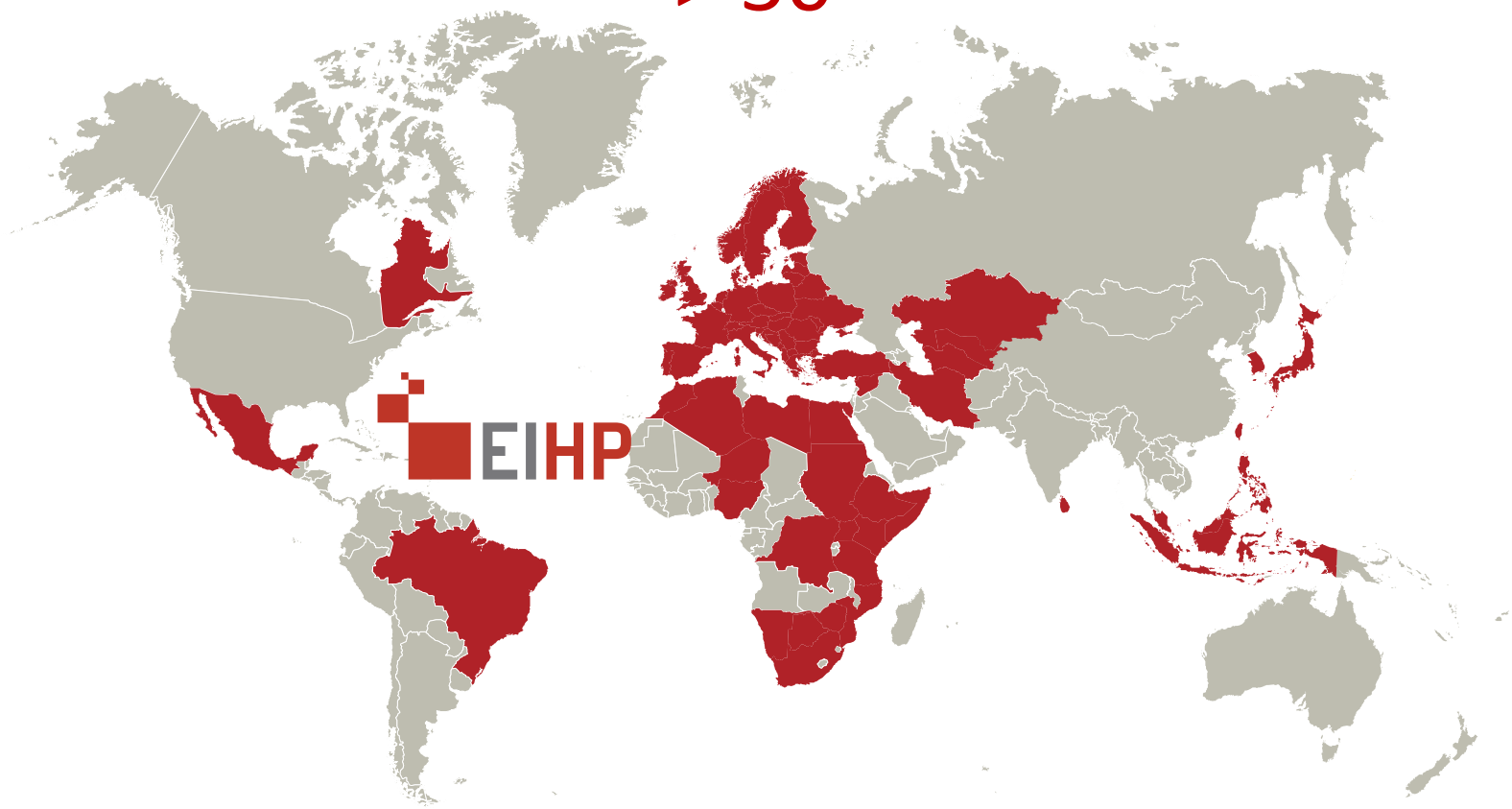
## MAIN PARTNERS/CLIENTS

> 200 partners around the World

- AEAI
- AECOM
- Agrokor d.d.
- Cities (Zagreb, Zadar...)
- Clinical Hospital Center (KBC Rebro Zagreb)
- Croatian Electric Company (HEP)
- Croatian Motorways
- District heating companies
- Energy Community Secretariat
- EPHZHB
- European Bank for Reconstruction and Development
- European Commission
- FAO
- Government of Republic of Croatia
- Government of Republic of Montenegro
- Government of the Republic of Bosnia and Herzegovina and Entities
- HEP Energy Service Company (HEP ESCO)
- HERA – Croatian Energy Regulatory Agency
- HOPS – Croatian Transmission System Operator
- HROTE – Croatian Energy Market Operator
- IAEA
- IEA
- INA – Oil Industry
- JANAF d.d. (Oil transport operator)
- KESH, Albania
- KfW Bankengruppe
- Končar d.d.
- KOSTT – Kosovo Transmission System Operator
- MEPSO – Macedonian Transmission System Operator
- Mining Company Banovići, Bosnia-Herzegovina
- Ministry of economy of Republic of Croatia
- Ministry of infrastructure of Republic of Slovenia
- Ministry of regional development on EU funds of Croatia
- NOS BiH – Transmission System Operator of BiH
- Numerous private companies and RES project developer
- Plinacro d.o.o. (Gas transmission operator)
- Privredna banka Zagreb d.d. (Member of Intesa Sanpaolo Group)
- Regional Environmental Centre for Central and Eastern Europe
- T – HT d.d. (Member of Deutsche Telekom Group)
- UNDP
- UNIDO
- USAID
- USEA
- Utility services providers
- Zagrebačka banka d.d. (Member of Unicredit Group)
- World Bank

COUNTRIES EIHP WORKS IN:

> 50





TOGETHER  
FOR BETTER  
WORLD OF  
TOMORROW

25



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