

# FROM ENERGY EFFICIENCY TO CLIMATE CHANGE: D'APPOLONIA EXPERIENCE IN MOROCCO AND ITS REPLICATION IN THE AFRICAN REGION

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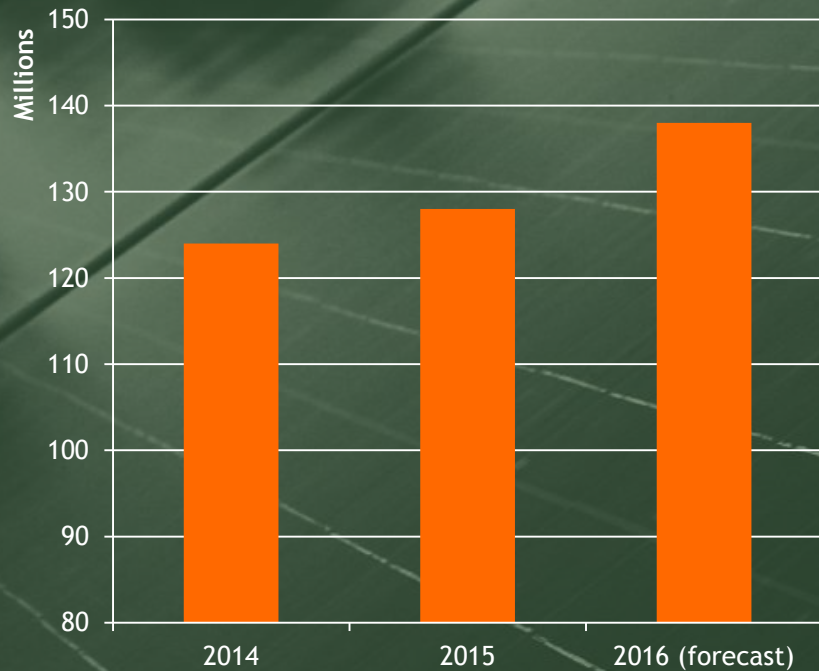


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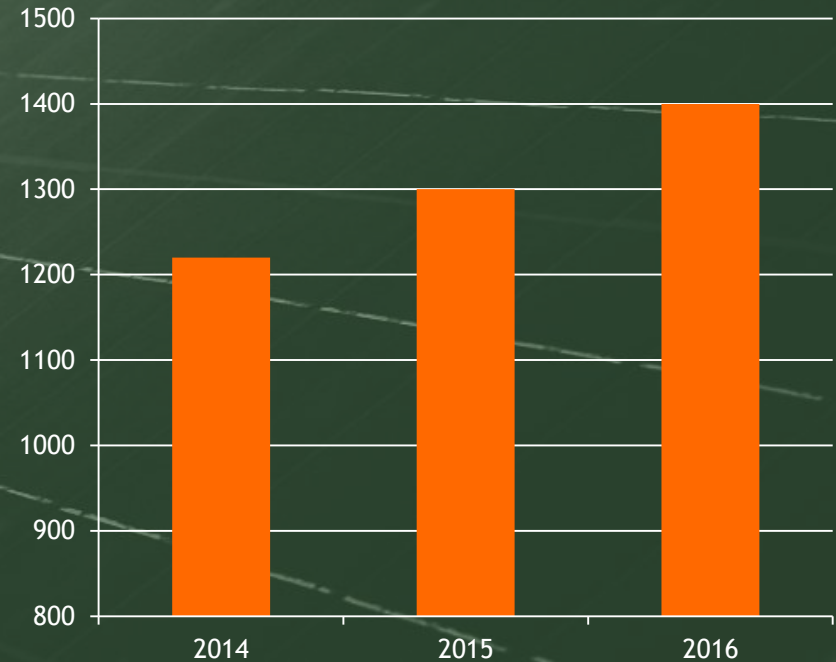
# D'APPOLONIA AT A GLANCE

- A multinational consulting and engineering company able of supporting Clients from concept to decommissioning, through consultancy, design, management and operation & maintenance engineering
- Established in 1956; part of the RINA Group since 2011

## REVENUE

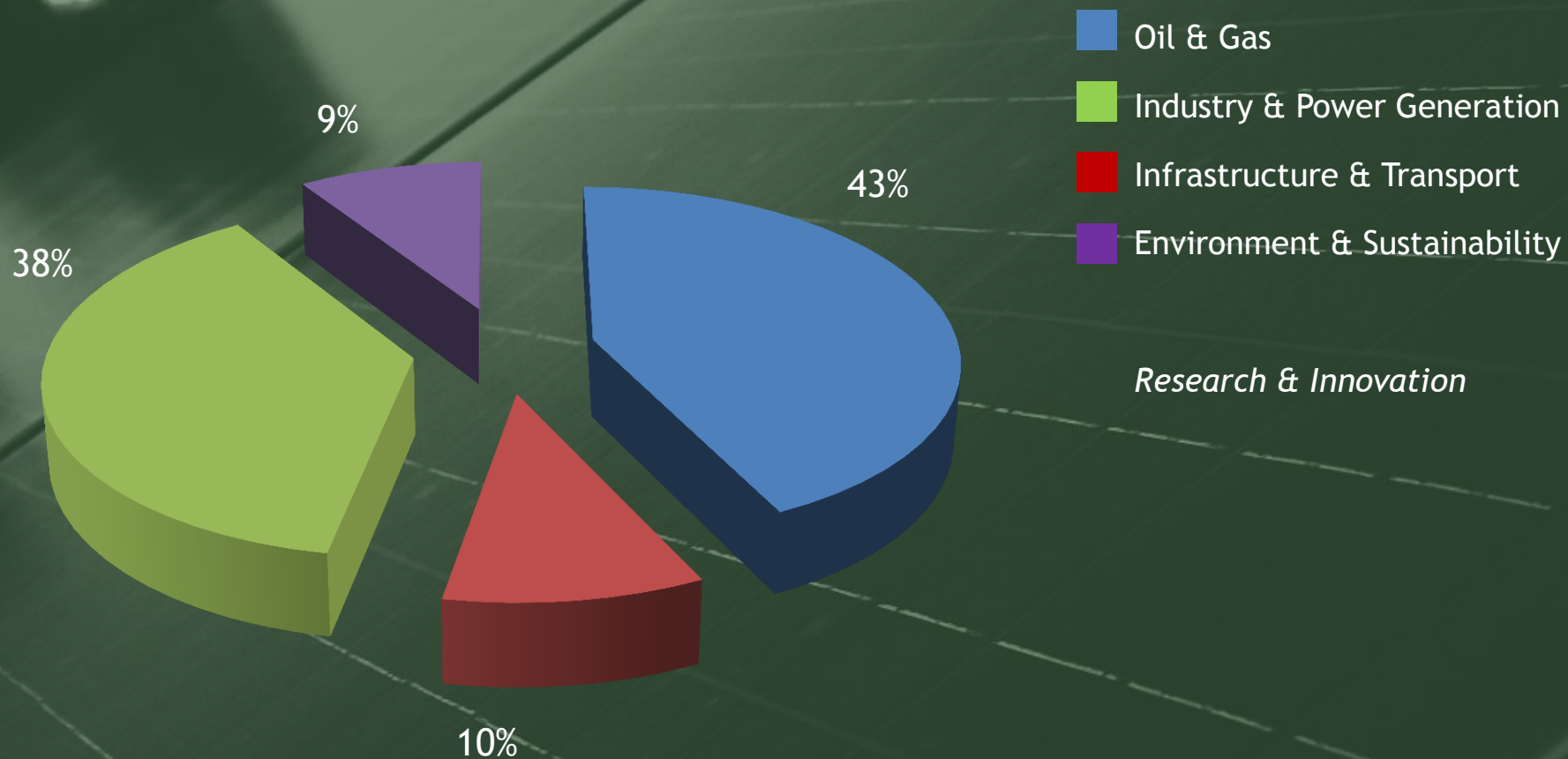


## PERSONNEL



# OUR MARKETS

Revenue 2015



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## D'APPOLONIA RE/EE SERVICES

D'Appolonia provides technical consultancy services to private and public clients, IFIs and Commercial Banks in the field of Renewable Energy and Energy Efficiency promotion performing the following types of activity:

- Comprehensive Energy Audits, applying a whole-site/building approach
- Resource efficiency and process optimization studies in industrial and commercial sectors
- Technical due diligence on potential investments in all the RES sectors (Wind, solar, hydro and biomass)
- Direct assistance in the implementation of RE/EE programmes, Project implementation monitoring and procurement consultancy

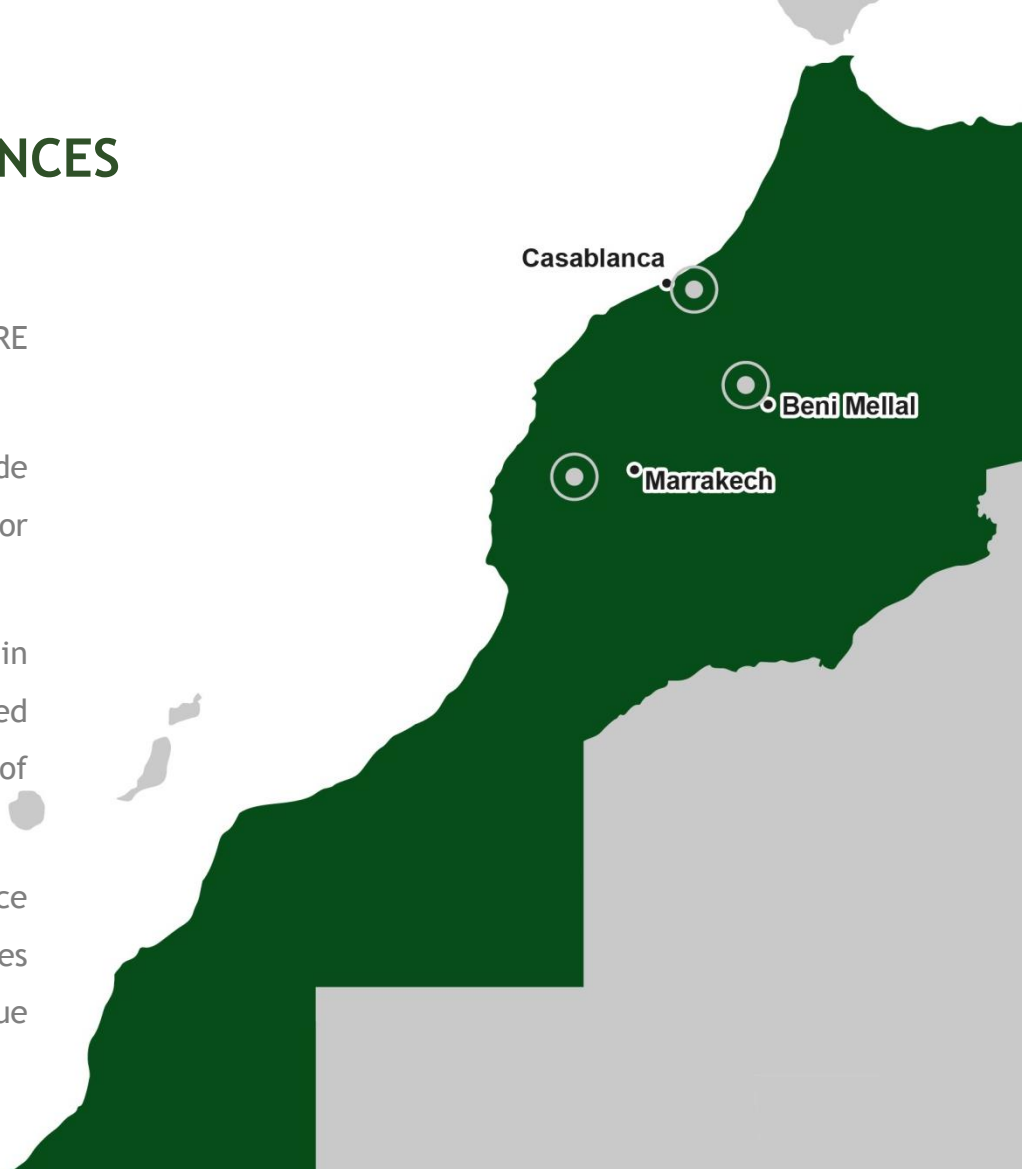


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# D'APPOLONIA RE/EE EXPERIENCES IN MOROCCO

D'Appolonia has been involved in different EE/RE projects in Morocco since 2005:

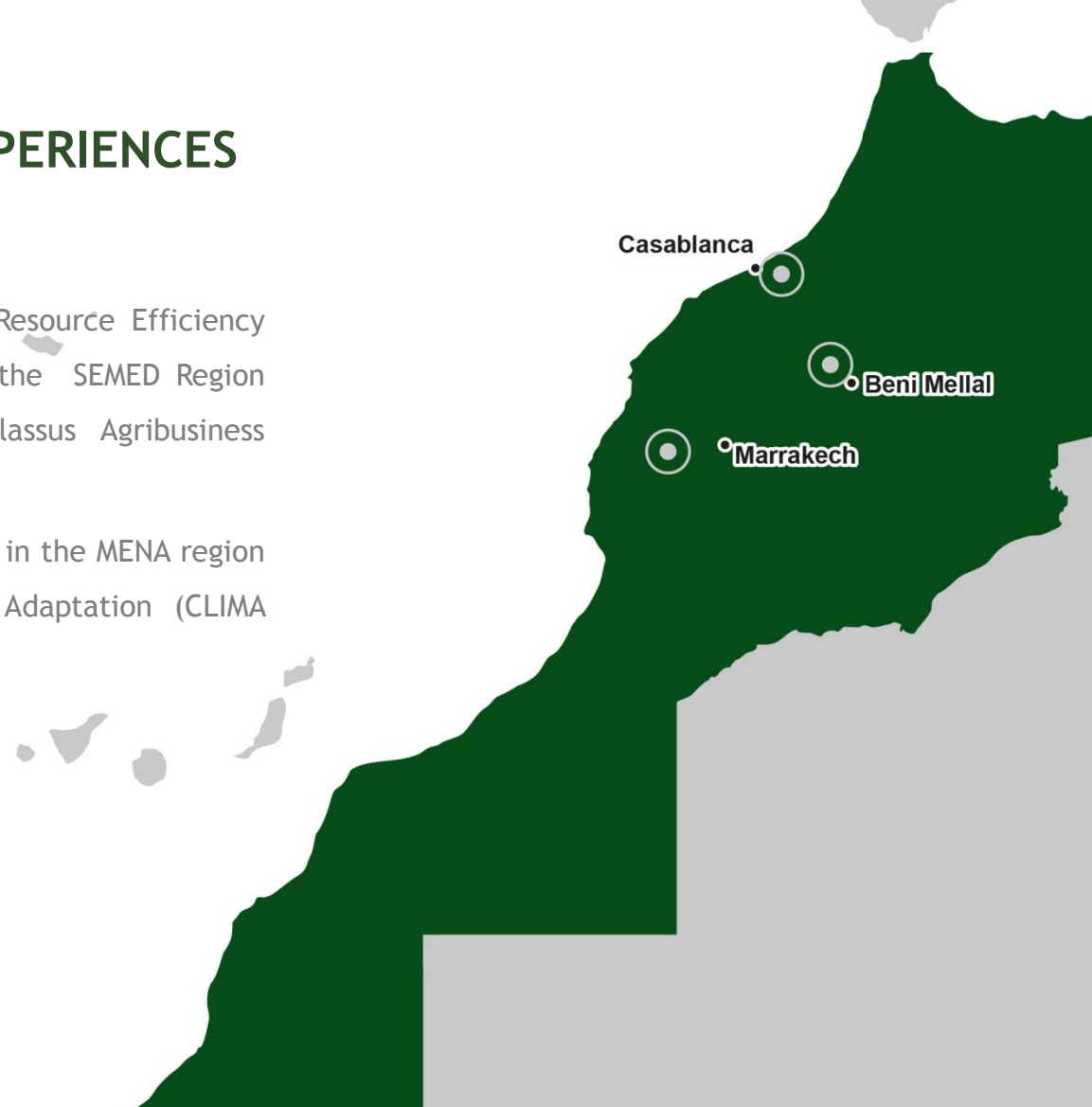
- Technical Assistance to CDER (Centre de Développement des Energies Renouvelables) for the Elaboration of the Energy Building Code
- General review of energy consumption levels in Moroccan public hospitals, including detailed energy auditing activities and development of energy efficiency investment plans
- Capacity building for technical staff of Agence National pour le Développement d' Energies Renouvelables et l'Efficacité Energétique (ADEREE)



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# D'APPOLONIA RE/EE EXPERIENCES IN MOROCCO

- Framework Contract with EBRD for Resource Efficiency audits in industrial and civil site in the SEMED Region including Morocco (Lesieur and Delassus Agribusiness Companies)
- Assistance to EC for Capacity Building in the MENA region on Climate Change Mitigation and Adaptation (CLIMA SOUTH)



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# D'APPOLONIA EXPERIENCES IN AFRICA

D'Appolonia is working in Africa since 2000:

- Technical Due diligence ESIA, ESDD, Project implementation Monitoring on new infrastructure
- Technical assistance for the definition of RE/EE financing mechanisms (Mining sector in Southern Africa)
- Capacity building to BOAD and definition of project portfolio to be funded under Green Climate Fund (Western Africa)
- Definition of Climate Change adaptation criteria for railways (Malawi)



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## LESSONS LEARNT

- Fully and active involvement from the early stage, and continuous communication with local and central Authorities, population, organizations and commercial sector is fundamental
- Projects should be replicable and extendable; with innovation contents, developed according to International & financial institutions/banks standards to make them bankable
- Acceptance of technical assistance and use of peer-to-peer learning: Capacity building activities and know-how transfer are necessary for the enhancement of the capabilities and skills
- Big Potential for Solar Energy generation (PV, CSP)
- Top Priorities: Access to energy, distributed generation



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# THANK YOU FOR YOUR KIND ATTENTION



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