

Royal Scientific Society

Eng. Abeer Arafat

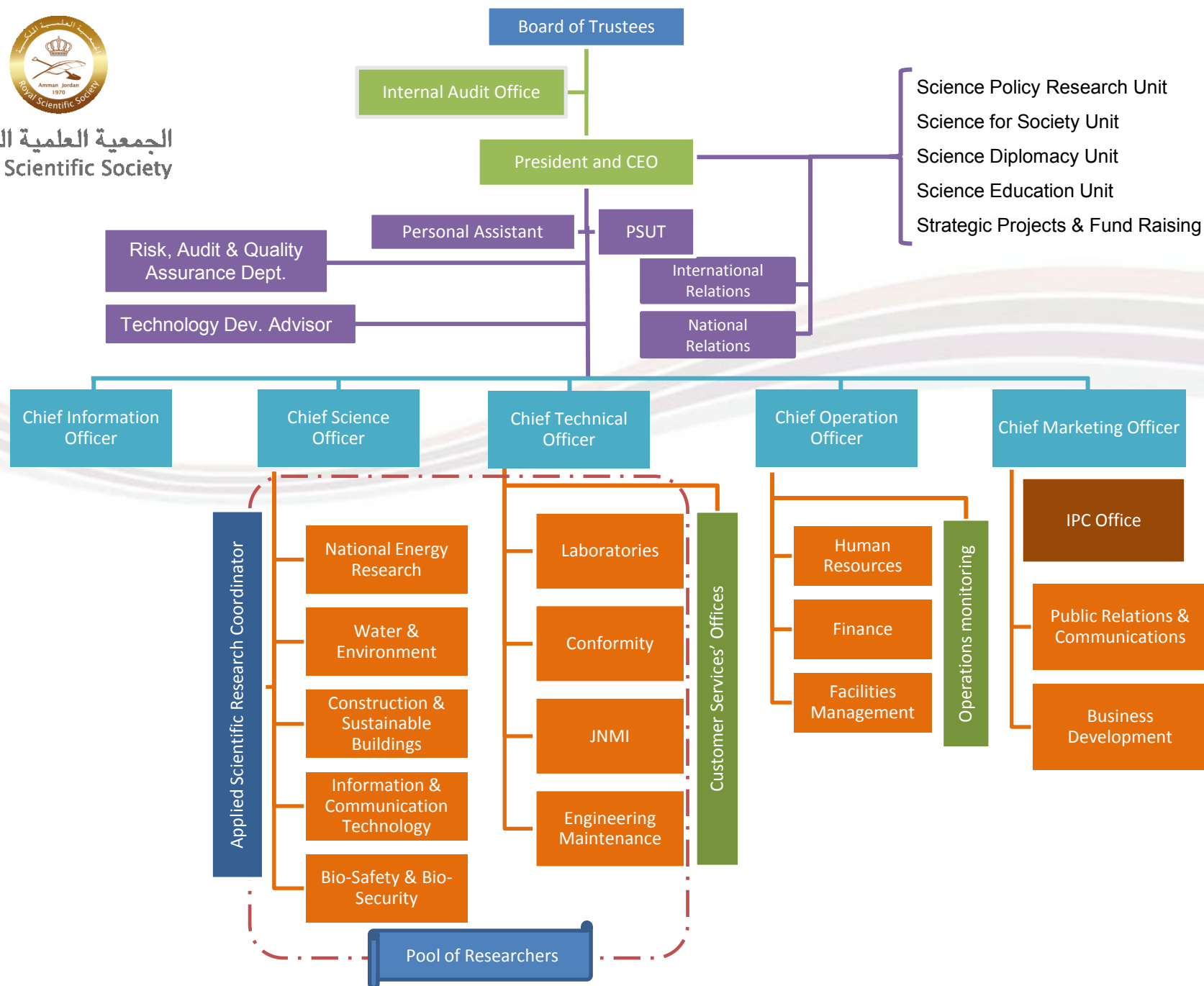
International Relations Manager

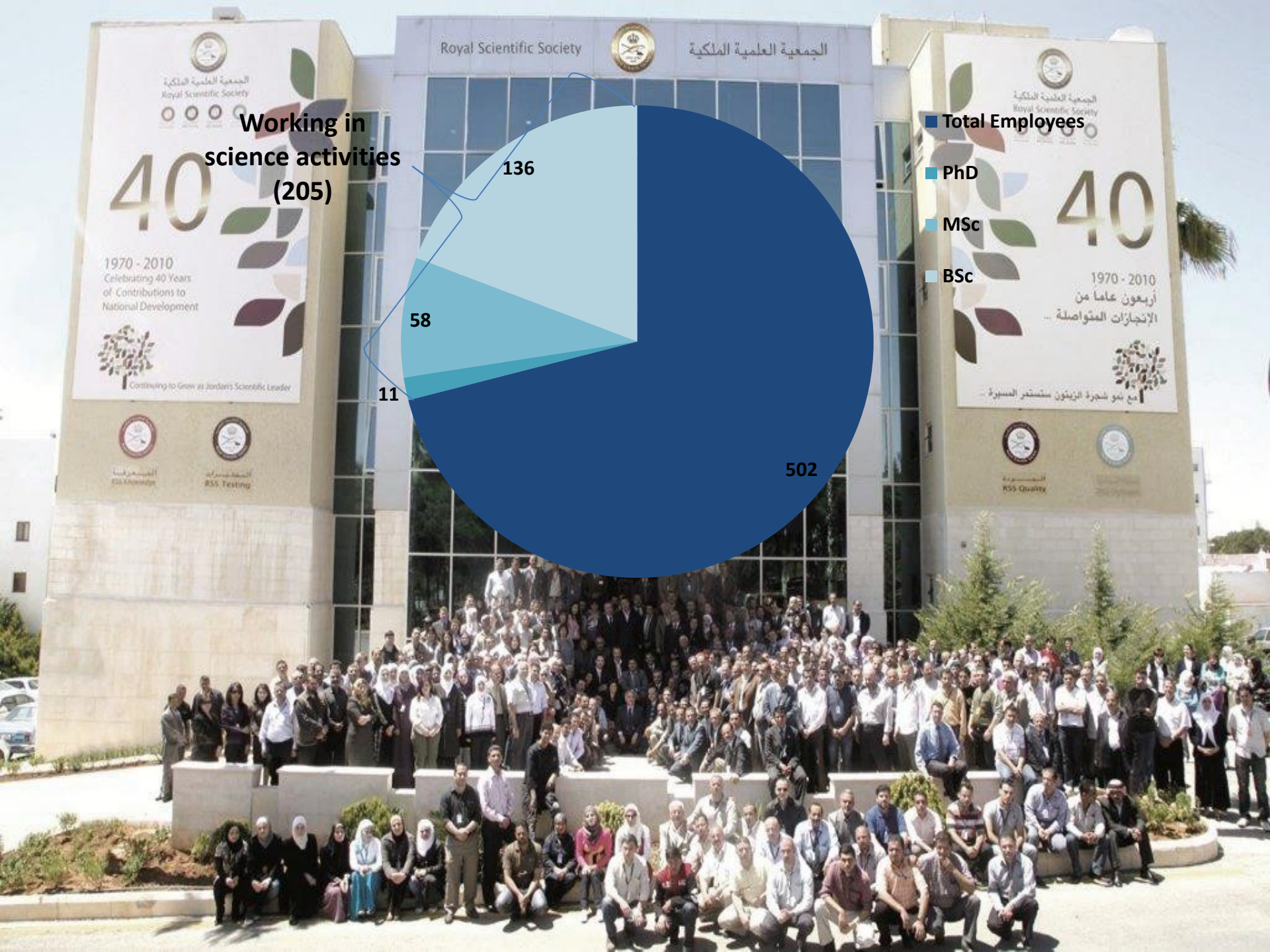


الجمعية العلمية الملكية
Royal Scientific Society



الجمعية العلمية الملكية
Royal Scientific Society





Royal Scientific Society

الجمعية العلمية الملكية

الجمعية العلمية الملكية
Royal Scientific Society

الجمعية العلمية الملكية
Royal Scientific Society

Working in
science activities
(205)

■ Total Employees

■ PhD

■ MSc

■ BSc

1970 - 2010
Celebrating 40 Years
of Contributions to
National Development

40

1970 - 2010
أربعون عاماً من
الإنجازات المتواصلة ...



136

58

11

502



الجمعية العلمية الملكية
Royal Scientific Society

New scope of work



Centre for Excellence in Biosafety,
Biosecurity and Biotechnology



Major Workshops



الجمعية العلمية الملكية
Royal Scientific Society

Workshop on 'Energy Efficiency Standards and Labelling Project in Jordan'



"Promoting Water Use Efficiency in Green Schools" Project



Civil Initiatives to Enhance Environmental Resilience in Jordanian Communities that Host Syrian Refugees



Major Workshops



الجمعية العلمية الملكية
Royal Scientific Society



Jordanian Green
Buildings Guide
Manual



SwitchMed
Transfer of
Environmental
Sound Technology
(TEST) II in Food
and Beverages
industries



Fostering Solar
Technology in the
Mediterranean
area (FOSTER in
MED)



Software Quality in
Jordan 2015



المعرفة
Knowledge



المختبرات
Testing



الجودة
Quality



تنمية المجتمع
Outreach

Major Workshops



الجمعية العلمية الملكية
Royal Scientific Society

Certified
Ethical
hacking



Biorisk
Management

CR
DF
GLOBAL

Knowledge
Economy



المعرفة
Knowledge



المختبرات
Testing



الجودة
Quality



تنمية المجتمع
Outreach

Awards



الجمعية العلمية الملكية
Royal Scientific Society



Excellence in positive Change GTF 2014 AWARDS FOR EXCELLENCE

Gold Award

Emirates Energy Award 2015



NERC / RSS Efforts in Environmental Protection Ozone DAY Celebration -Ministry of Environment



المعرفة
Knowledge



المختبرات
Testing



الجودة
Quality



تنمية المجتمع
Outreach

2015 Major Accomplished Projects



الجمعية العلمية الملكية
Royal Scientific Society

- World Bank- JORDAN: Partnership for Market Readiness - Market Readiness Proposal.
- Community based initiatives for water demand management
- Toward applying Green schools concept in Jordan
- Updating Mechanical ventilation & air cooling Code
- Capacity - Building Wind Energy and Concentrating Solar Power Project (WECSP)
- Demonstration of Solar Heated Biogas Digester in Poultry



المعرفة
Knowledge



المختبرات
Testing



الجودة
Quality



تنمية المجتمع
Outreach

Major projects started in 2015



الجمعية العلمية الملكية
Royal Scientific Society

- Expanding access to sanitation in unsewered communities in Jordan
- Turning industrial wastewater to wealth-biodegradable plastics
- Investigation of Ready Mix Concrete Performance Utilizing Recycled Waste Water in Jordan
- Monitoring the quality of water resources at Jordan valley
- Investigating Novel Materials to Purify and Store Green Hydrogen Utilized in Powering Proton Exchange Membrane (PEM) Fuel Cell Stacks.
- Advocacy to Ensure Adaptive Capacity and Environmental Governance in Jordanian Communities that Host Syrian Refugees



المعرفة
Knowledge



المختبرات
Testing



الجودة
Quality



تنمية المجتمع
Outreach

Major projects started in 2015



الجمعية العلمية الملكية
Royal Scientific Society

- Dry Sanitation: Towards Empowering Jordanian Local Communities in Water Demand Management
- Civil Initiatives to Enhance Environmental Resilience in Jordanian Communities that Host Syrian Refugees
- Updating Jordanian Acoustic Code
- Arab Fuel Cell and Multi-Purpose Electrolyzer Powered by Solar Energy
- A Green Method for Biosynthesis Sulfur Nanoparticles for Control Soil Borne Pathogens
- Synthesis of Enantiopure Drugs Using Alcohol Dehydrogenase Enzyme Produced from Halophilic Bacteria Live in the Dead Sea
- Low Temperature Retorting of Jordanian Oil Shale



المعرفة
Knowledge



المختبرات
Testing



الجودة
Quality



تنمية المجتمع
Outreach

Cooperation with COMSATS



الجمعية العلمية الملكية
Royal Scientific Society

- NMC-COMSATS-ISESCO International Conference on Mathematical Modeling & Second Meeting of COMSATS' ITRG on 'Mathematical Modeling' were held at National Mathematical Centre, Abuja, Nigeria between 28-30 December 2015.
- 3rd International Workshop on Applications of ICTs in Education, Healthcare and Agriculture (31 May - 1 June 2016) Amman, Jordan



المعرفة
Knowledge



المختبرات
Testing



الجودة
Quality



تنمية المجتمع
Outreach

Future Programs with COMSATS



الجمعية العلمية الملكية
Royal Scientific Society

- Use of leap software for climate change mitigation
- IPCC 2006 guidelines – to prepare green house gases inventory
- Geothermal Application for Heating and Cooling.
- Secure Web Application.
- Ground water modeling
- Occupational health and safety
- How to get accreditation for ambient air quality measurements (USEPA guidelines)



المعرفة
Knowledge



المختبرات
Testing



الجودة
Quality



تنمية المجتمع
Outreach



الجمعية العلمية الملكية
Royal Scientific Society

Thank You

Eng. Abeer Arafat

International Relations Manager

Royal Scientific Society

Abeer.Arafat@rss.jo



المعرفة
Knowledge



المختبرات
Testing



الجودة
Quality



تنمية المجتمع
Outreach



الجمعية العلمية الملكية
Royal Scientific Society

★ RSS Vision & Mission

★ RSS Vision

To be the local and regional reference point and knowledge leader for science and technology using scientific and engineering research to power economic development and social progress.

★ RSS Mission

To build and strengthen scientific and engineering research in the areas of greatest strategic value to Jordan's long-term competitiveness and development.

