IRCC was established with the help of UNIDO in 1965 as a national, non-commercial centre.

2003 – 2010 IRCC was affiliated to the Ministry of Science & Technology.

From June 2010 it has been working under the umbrella of the Ministry of Industry.
Objectives

- Conduct applied research (R&D) on local raw materials for industrial exploitation.
- Design and technology transfer of Small scale industries to meet the real local needs.
- Prepare techno-economic feasibility studies of new industrial investment projects for both public and private sectors.
- Consultation services on industrial planning, production management and product design and development.
- Contributing as main player in setting up the national polices and strategies for industrial development.
- Considered as reference laboratory for the Sudanese Standards & Metrology Corporation.
- Raise awareness among industrialists, workers and government on industrial development issues.
continued

- Participate in the formulation of the national industrial development plan.
- Help identification, transfer & adoption of modern appropriate technologies.
- Raise industrial awareness.
- Preparation and marketing of industrial information.
- Formulation of training programs for employees in the various specialization in industry and supervising the implementation of such programs.
- Assist in the preparation of standard specification for the local industrial products.
IRCC Facilities

- Fully equipped & integrated Tannery.
- Pilot plant for chemical products research.
- Electronics quality control & testing lab.
- Advanced Industrial information centre.
- Physical Testing Lab.
- Engineering Design Lab.
- Conference Centre
Capacity Building & Rehabilitation
WAS
Chemical Lab
Mosque
## Capacity Building (Staff):

<table>
<thead>
<tr>
<th>Degree</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD</td>
<td>5</td>
</tr>
<tr>
<td>MSc.</td>
<td>2</td>
</tr>
</tbody>
</table>
Current Activities:

- Amendment of IRCC Law.
- Restructuring of IRCC Organizational Chart.
- Formulation of New Training Policy.
- Updating the research organisation act.
- Creation of new department for Planning.
Current Feasibility Studies

Feasibility Study to establish:

- Starch & Glucose Factory.
- Dairy Factory.
- Leather Tannery.
- Quicklime and hydrated lime.
- Slaughter house.
- Fruit and vegetable processing plant.
- Port Sudan horticultural export centre.
Consultancy Works:

<table>
<thead>
<tr>
<th>Description</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feasibility studies</td>
<td>11</td>
</tr>
<tr>
<td>Evaluation of Fixed Assets</td>
<td>66</td>
</tr>
<tr>
<td>Testing Services</td>
<td>201</td>
</tr>
</tbody>
</table>
Current Programs

Modernization and development of Leather Industry.

Modernization and development of Edible Oil Industry.

Modernization and development of Textile Industry.
Transfer of Technology

Performance Testing of Road Sweeping Machine
Exhibitions

- Exhibition of Hand Crafts made by Rural women, Union of Sudanese Women (Khartoum).
- Exhibition Accompanying The 1st Conference on Small Industries (Khartoum).
- Exhibition Accompany The 74th Meeting Islamic Development Bank (Khartoum)
Our Leather Products
Our Clothing Products
Some Research Activities:

- Production of sulphonated oils from local oils.
- Optimum Utilization of oil from moringa plants.
- Quality Assessment of the Sudanese soya bean cultures.
- Determination of antimicrobial activities of indigenous herbal preparations.
Conferences & Workshops

- African Technology Policy Network (ATPS) Sudan-Focal Point, Paralimentary Round Table, National Assembly, January-2012.

Participations

- Technical Committee meeting, ESCWA, Jordan- April 2012.
- Training workshop of SME in the rural areas, UNIDO & Ministry of Industry, Feb 2012.
- Pharmaceutical scientific society of Arab world conference, Oman, Dec 2011.
- Workshop on Impacts of Climate Change in the industrial sector, China, Nov 2011.
IRCC & Sudan Academy of Science (SAS)

- IRCC is a member of SAS federal Union.

- IRCC is a certified Faculty in Engineering Research & Industrial Technologies.
IRCC & SAS Programs

PhD & MSc. by Research.

Taught MSc. Courses in:

- Cleaner Production.
- Mechanical Engineering Design.
- Refrigeration & Air-conditioning.
- Mining Technology.
- Electrical Energy, Production & Supply.
Publications

Scientific Publications:
- Published papers: 10
- Presented papers: 8

Journals:
Cry for Help

- To Setup and Run AA & IR Instruments.
- To operate CAD System for Leather Products.
- To develop Research in Solar Energy.
Thank you