1. Aims and objectives:
   
a. Developing a BUE research strategy meeting societal needs with respect to renewable Energy and Sustainability.
   
b. Establishing partnerships and collaboration with LU Sustainability Research School (SRS) centre and similar centres in Egypt and abroad aiming at integration.
   
c. Providing ideas and topics for undergraduate and postgraduate research projects which are part of the requirements for earning the relevant degrees.
   
d. Building capacity for BUE to be a leader for research in Renewable Energy at the national and later the regional arena.
   
e. Developing an action plan international and local collaborative research programmes.
   
f. Continual development of BUE research capacity and strategy in view of Egyptian society needs.

2. Selecting Research Topics:
   - Solar thermal collection
   - Wind Energy
   - Desalination
   - Sustainability.

3. Building Research Capacity:
   1) Recruiting staff from international prestigious universities for academic years 2011 and 2012.
   2) Enhancing and developing targeted research abilities of staff by supporting three staff members to attend internationally recognized workshops during May and June, 2011 in USA, Germany, and Egypt on: rural electrification and desalination in Freiburg, Germany; German seminar on water desalination in Egypt; International conference on ARC “Automotive Research Center” which is a U.S. Army Center of Excellence for Modeling and Simulation of Ground Vehicles led by the university of Michigan.
   3) Recruiting two TAs to be sent to LU for a PhD degree in two topics: Development and optimisation of smaller scale solar collection systems and technologies (including materials selection, performance and costs) and Desalination using an integrated multi effect distillation using solar energy and membrane unit.
   4) Developing a BUE/LU joint research proposal with The Sustainability Research School (SRS) on: “Integrated Building Technologies for New Settlements in Egypt”.
   5) Acquiring a Renewable Energy Lab which is an ongoing process.
   6) Negotiations with Egypt Nanotechnology Centre EGNC to: Form teams of researchers from both sides; Develop common research proposals based on available facilities by both sides and seek funding; Promote research importance and highlight impact among
society to seek beneficiaries; accommodate some of EGNC equipment at BUE which will support BUE research capacity.

7) Supporting and conducting research led learning and teaching activities for undergraduate students specifically for final year research projects (June 2010 and 2011) on the following themes: fuel cell; improving efficiency of thermal solar cells; feasibility studies on renewable energy; etc...