

**Supporting SDG7 , Target 7.1: “By 2030 ensure universal access to affordable, reliable and modern energy services”**

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# **A Nexus Approach to Universal Energy Access by 2030**

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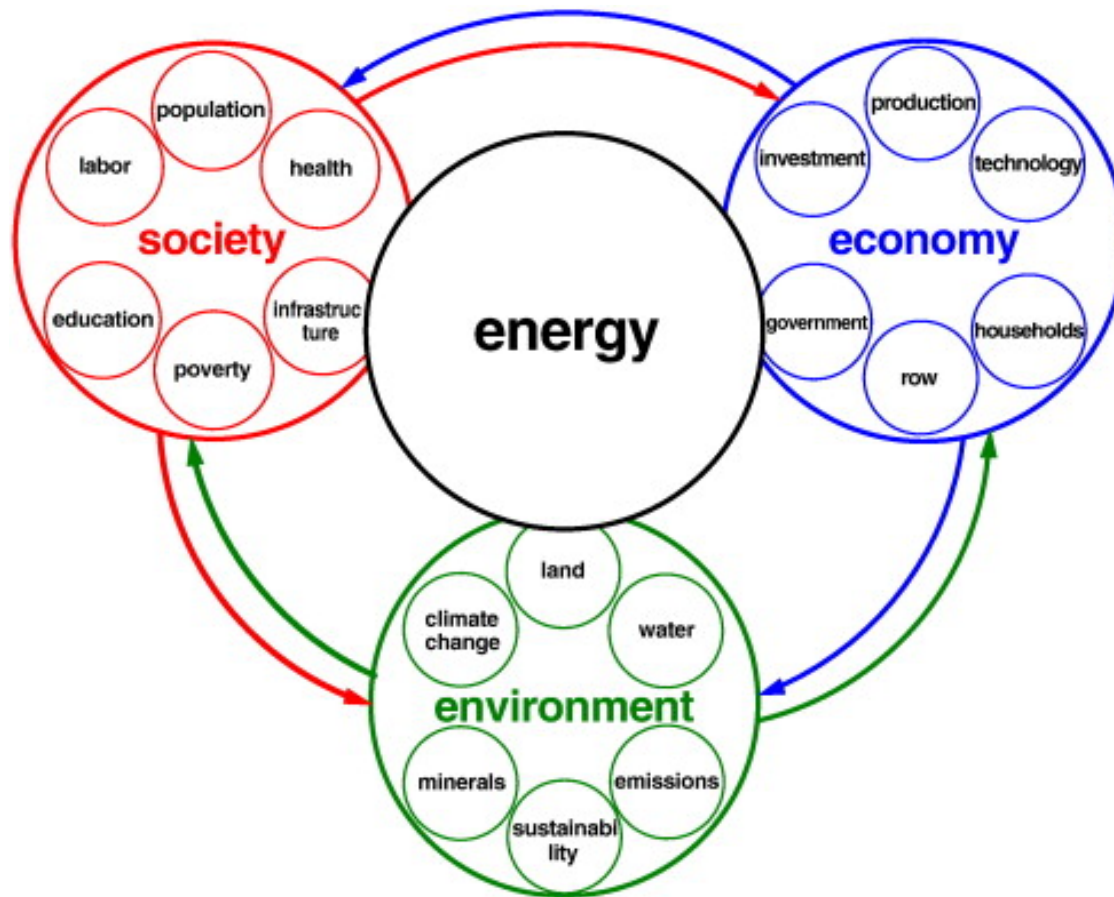
# Universal Energy Access: A multiplier effect to sustainable development

- Universal energy access represents a multiplier effect in relation to sustainable development
- Having access to sustainable energy allows the achievement of many SDGs
- Natural resources are strongly interlinked
- The SDG on Energy is specially related to other important SDGs such as those tackling poverty eradication , water, food security, economy, education, gender, health and others

# A Nexus Approach to Sustainable Development

- To accomplish the Sustainable Development Goals, integrated and holistic approaches are needed to:
  - Take advantage of synergies
  - Allow for efficient solutions
  - Avoid negative unintended consequences when sectoral approaches alone are used
  - Assess competing alternatives for development (trade-offs)

# Energy Nexus with the three Dimensions of Sustainable Development



# Universal Access to Modern Energy Services

**Over a Third of World Population is Without Access to Sustainable Energy**

- 2.9 billion depend on solid unsustainable biomass for cooking
- 1.1 billion without electricity
- **Over 80% live in rural areas**
- Largest shares in Sub-Saharan Africa and Asia





# Major Challenge: Ending Energy Poverty, SDG1

Lack of or insufficient commercial energy use correlates with high infant mortality, illiteracy, and with low life expectancy





# NEXUS: Energy/Food Security, SDG2

Gender, Poverty Eradication, Health, Education...



# Energy/Health Nexus, SDG3

4 million premature deaths per year due to indoor air pollution -- more than Malaria, HIV/AIDS, and Tuberculosis



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[https://www.yunbaogao.cn/report/index/report?reportId=5\\_2960](https://www.yunbaogao.cn/report/index/report?reportId=5_2960)

