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# STIP FOR OMAN NIS DEVELOPMENT

Hilal Al Hinai  
The Research Council



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# Oman on the Map





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# Development in Oman since 1970

	1970	2013
GDP (Billion US\$)	0.27	78.3
GDP / Capita (US\$)	367	24,700
Population (Millions)	0.654	4.0
schools	3 (Elementary )	1529
School students	900	563,236
Higher Education Inst.	0	35
Hospitals	2	65 + 1217 Health Centers
Life Expectancy at Birth	49.2	76.2
km of Asphalted Roads	10	31,365



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# Planning

- **First 5 year plan was 1976-1980**
- **First long-term Development Plan (Vision 2020) was adopted in 1996.**
- **The planning process for the 2nd long-term Development Plan 2040 has started in 2014 and several sectorial long-term strategies are to be developed within this framework including, Education, Health, Tourism, Transportation and Innovation.**



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... the “Vision 2020” involves long-term prosperity for Oman driven by economic diversification, private-sector leadership and human resources development.

### Primary Aim for Oman Vision 2020

**Double the current level of per capita income by 2020**

#### Economic diversification

- Strive toward the optimal use of natural resources and the geo-strategic location of the Sultanate
- Provide appropriate conditions for the realisation of economic diversification
- Leverage advanced technology

#### Private sector development

- Encourage an effective and competitive private sector
- Consolidate mechanisms and institutions to foster shared visions, strategies and policies between private sector and government

#### Human resource development

- Upgrade skills of Omanis to keep abreast of technological change
- develop a large body of world class human resources in broad areas of science and humanities

#### Stable macroeconomic environment

- Financial stability
- Fiscal responsibility
- Integration into the global economic framework (WTO, etc.)

#### Enhanced living standards

- Enhance the standard of living
- Reduce inequality among regions and among income levels of various groups
- Ensure that the fruits of development are shared by all citizens

#### Preserve achievements

- Preserve past achievements
- Safeguard and develop past achievements
- Complete the necessary basic services to preserve achievements

“Perfect Vision” for 2020



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# The National Research Strategy was developed in 2008 to support research and knowledge generation activities

## Mission

- Create an innovation ecology that is responsive to local needs and international trends, fosters social harmony, and leads to creativity and excellence!

## Vision

- Regional hub of innovation – leader in producing new ideas, products and services
- Significant research capacity
- Research excellence in selected areas
- Receptive to local social and economic needs – with alacrity!

## Goals

### 1. Research Capacity

- a. Develop graduate programs in broad areas of science and humanities
- b. Create specialized grad. programs in oil & gas, soc. sciences and policy
- c. Build large body of world class faculty, graduate students and engineers
- d. Encourage research in emerging platforms of knowledge that cut across disciplines/ fields of study

### 2. Research Excellence

- e. Track local & international scientific / social trends, and respond to them by adapting areas of research excellence
- f. Develop excellence in oil and gas related fields
- g. Strengthen research in additional diverse areas of national interest / strategy
- h. Build strength in policy research for informed decision making

### 3. Knowledge Transfer

- i. Diffuse knowledge between academia, local industries, government, and other publics
- j. Align research with local social, economic and developmental issues
- k. Embed Oman in the global web of research to collaborate on top ideas
- l. Foster innovation across society, specially among entrepreneurs & SMEs

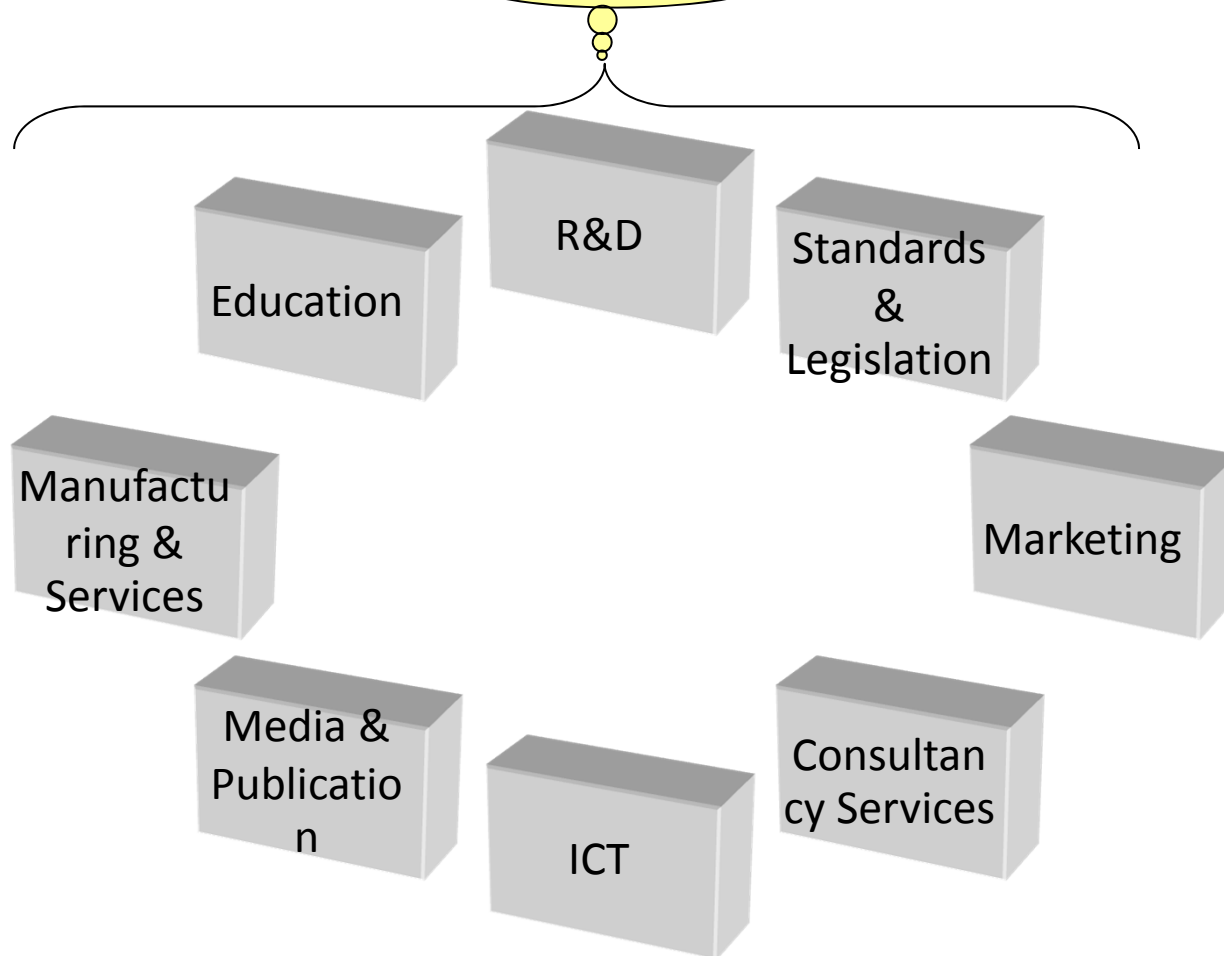
### 4. Enabling Environment

- m. Position Oman as a place of choice in the GCC for leading international scholars, scientists and corporations to conduct research
- n. Improve research environment for Oman-based researchers
- o. Create an environment to attract Omani expatriate researchers and scholars



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# National Innovation System

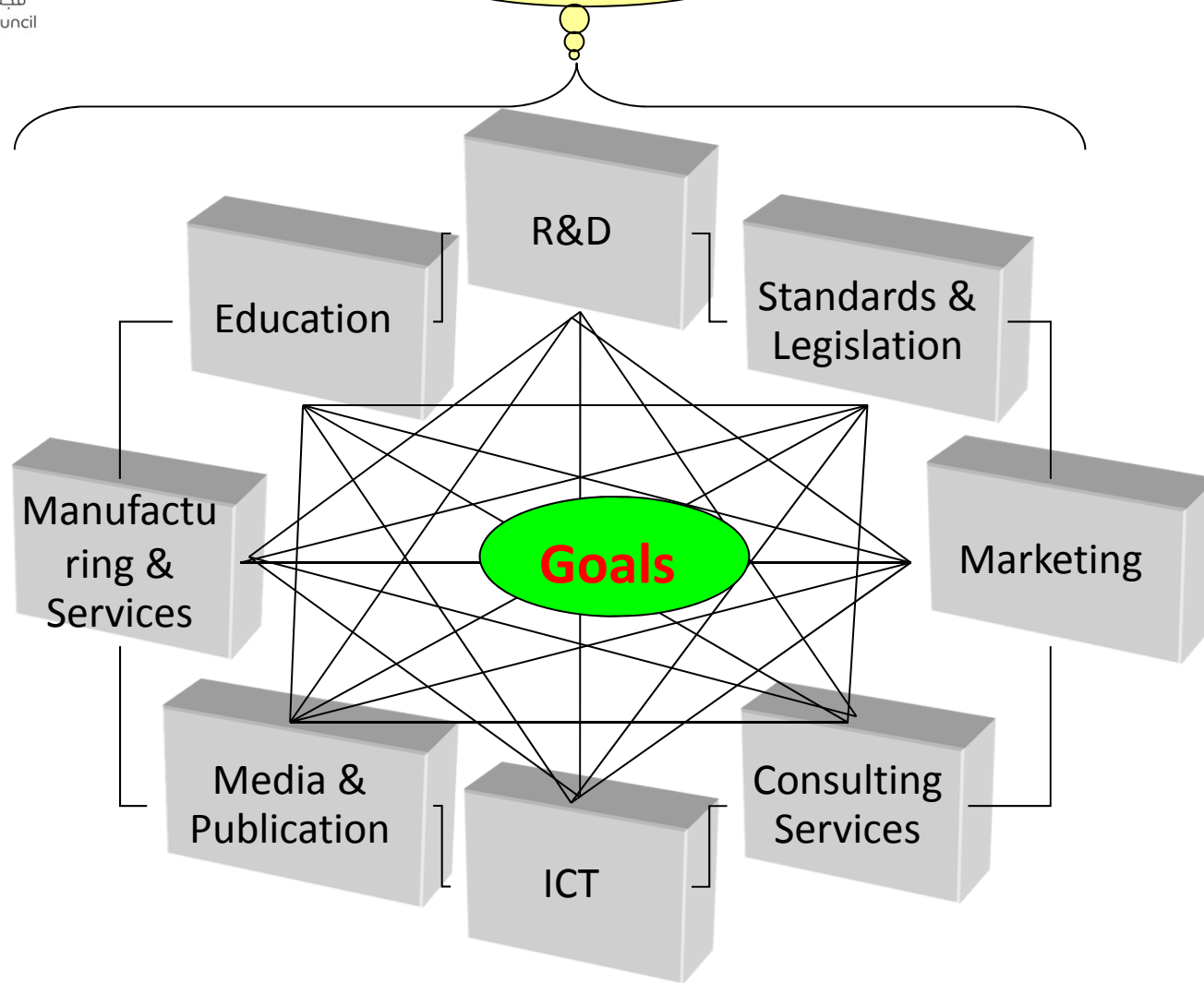


**Fragmented & Non Effective**



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# National Innovation System



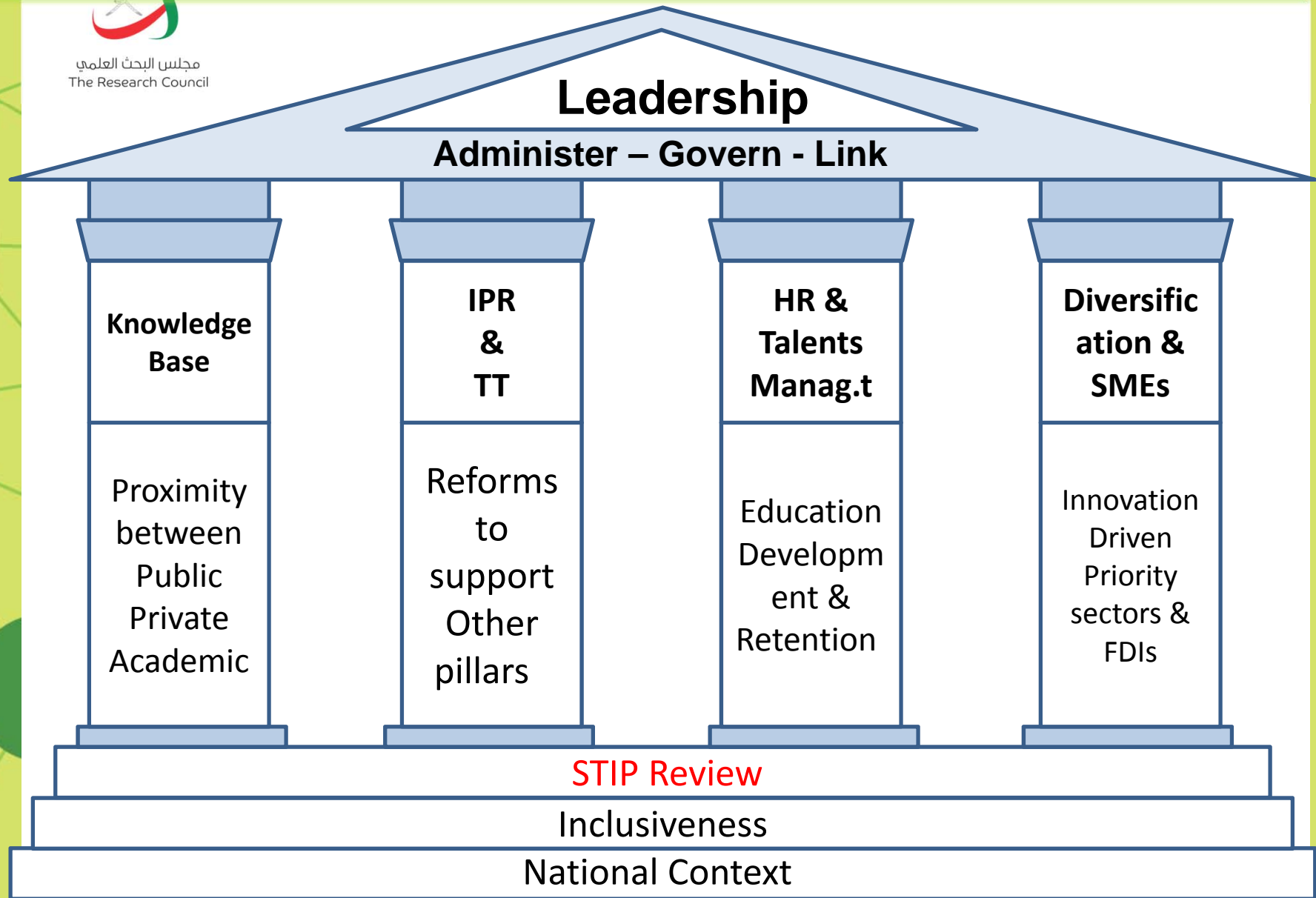
**Linked and Effective**





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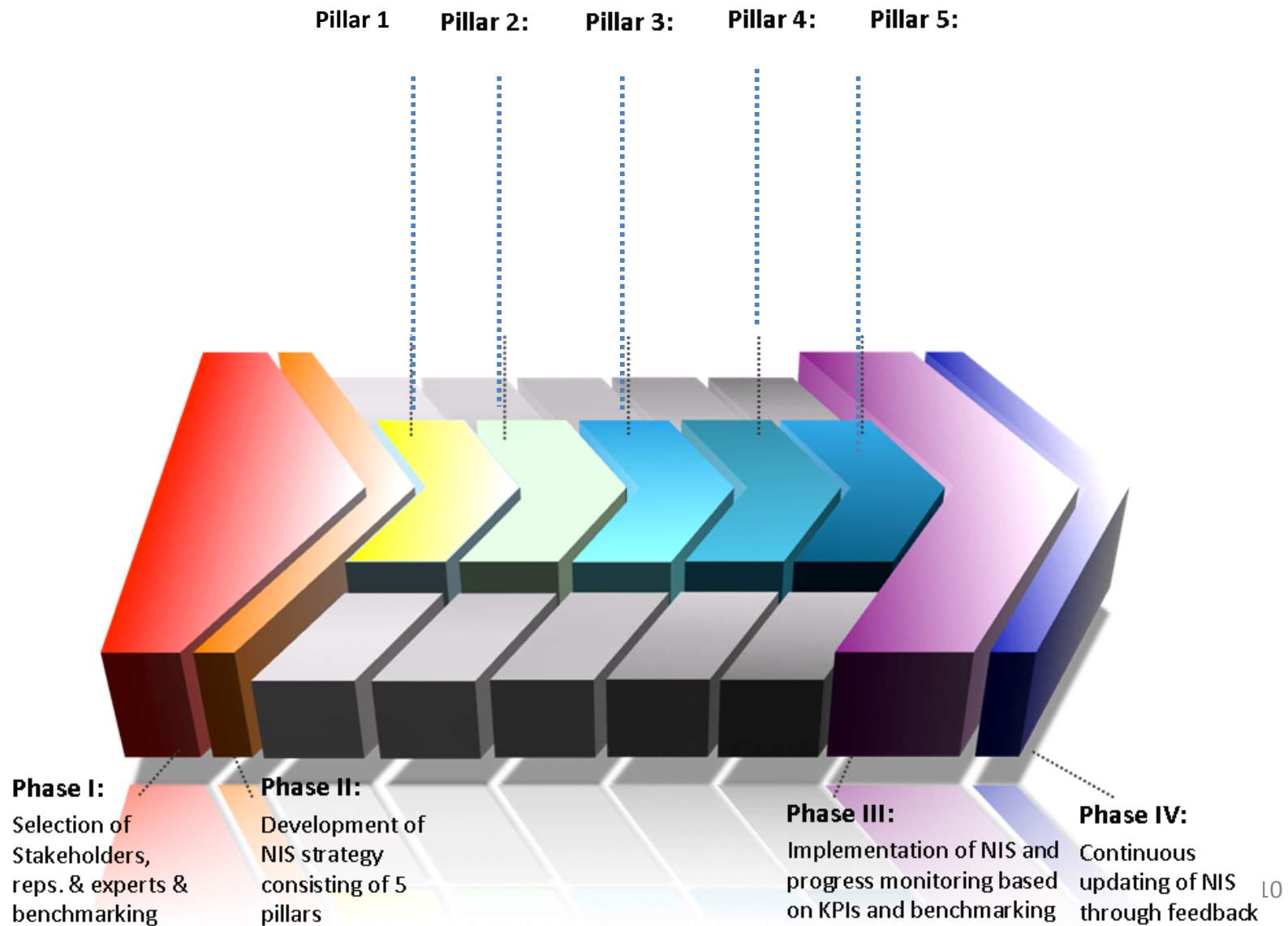
# The 5-Pillars of National Innovation Strategy





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# Nationally-Oriented, Effective, Viable & Sustainable NIS



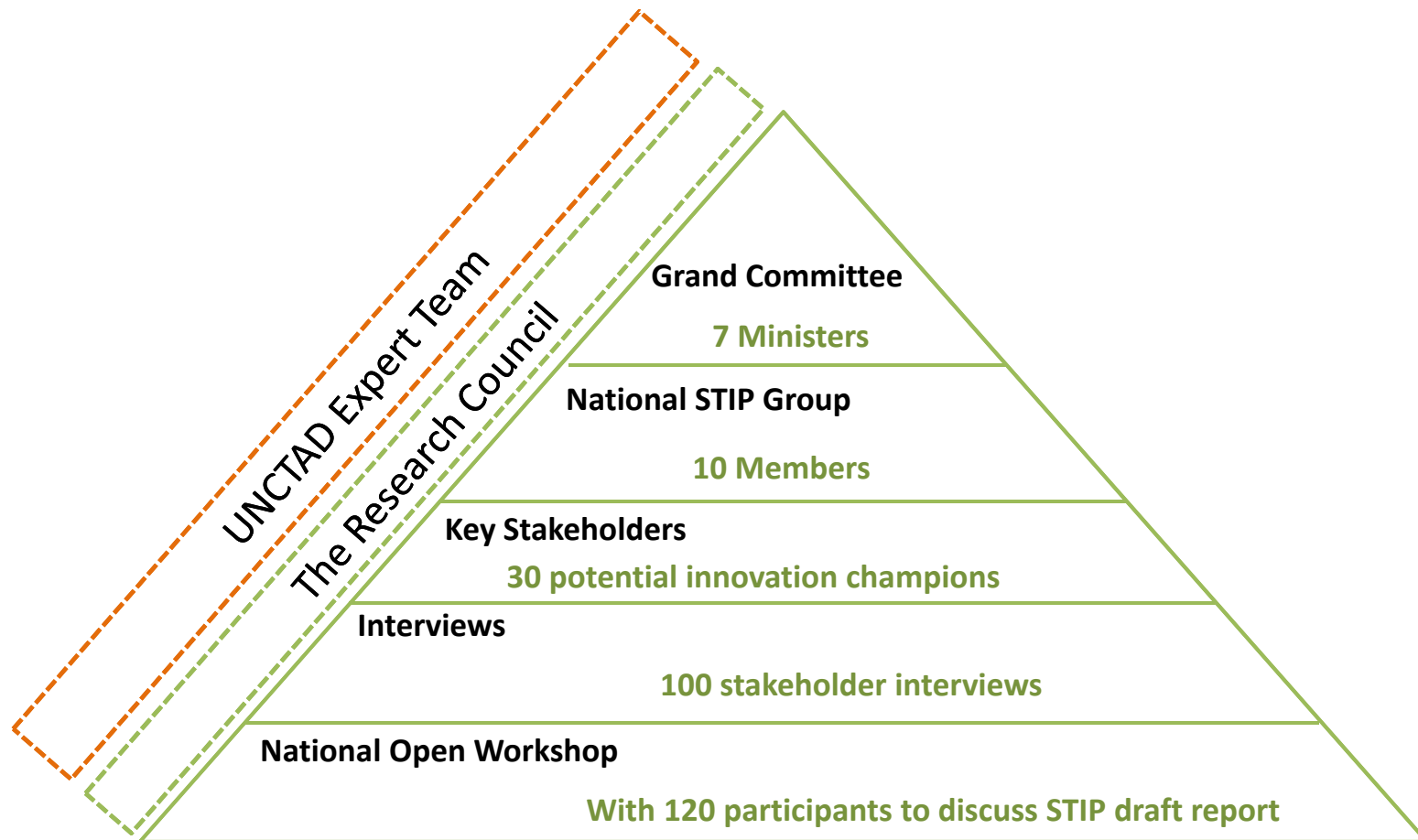
# STIP REVIEW & INNOVATION STRATEGY ALIGNMENT

- Customization**
- A self-assessment made by The Research Council**
- UNCTAD requested an alignment document for STIP report to National Innovation Strategy**
- Pillars**
- STIP Review – inclusiveness**



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# CONSENSUS BUILDING THROUGH AN INCLUSIVE METHODOLOGY





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## INITIATIVES UNDERWAY

- Education reforms, scholarships for tertiary education abroad
- National Business Centre to support entrepreneurship
- Public Authority of SME Development established
- In-country value Program
- Sustainable Technology utilization
  - Solar energy for Enhanced Oil Recovery by Petroleum Development Oman
  - Eco-house initiative by Research Council



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## OMAN IS KEEN

- *To tap into existing global knowledge through international STI collaborations and technology transfer*
- *To Participate in the global value chain and*
- *greater value addition within its national boundaries*
- *On Greener growth*
- *On Guidance from CSTD and UNCTAD for identifying mutually beneficial bilateral STI collaborations and technology transfer*



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## IN CONCLUSION

### • **STIP Process**

- A valuable and transparent report
- Open and Inclusive Methodology novel to Oman and highly appreciated by stakeholders

### • **Immediate Actions:**

- National dissemination of STIP report
- Adoption of recommendations in development and implementation of National Innovation Strategy



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**THANK YOU**