

***2<sup>nd</sup> World Conference on Research Integrity,  
Singapore: July 21-24***

**RESEARCH INTEGRITY (RI):  
*SAUDI VIEWS & PRACTICES***

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# RI: *Saudi Views & Practices*

I

Saudi Arabia (SA):  
*the Country, Research, & KACST*

II

RI: *Challenges*

III

Raised Complain: *in SA*

IV

Practices: *KACST*

V

Practices: *HE*

VI

*Views for the Future*

I

Saudi Arabia (SA)

*SA: the Country*

*SA: Research*

*SA: KACST*

# *Saudi Arabia*

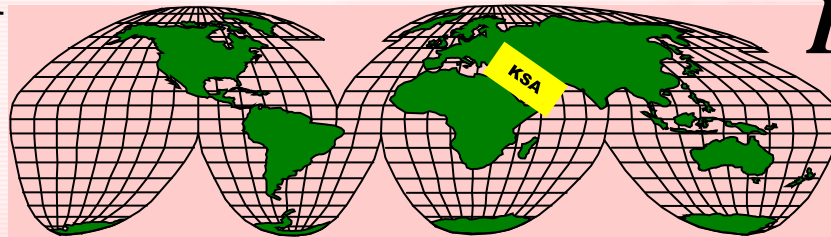
**Population:**  
*20 million*  
*(15 m Saudis +*  
*5 m Non-Saudis)*

**Area:**  
*2 million KM<sup>2</sup>*

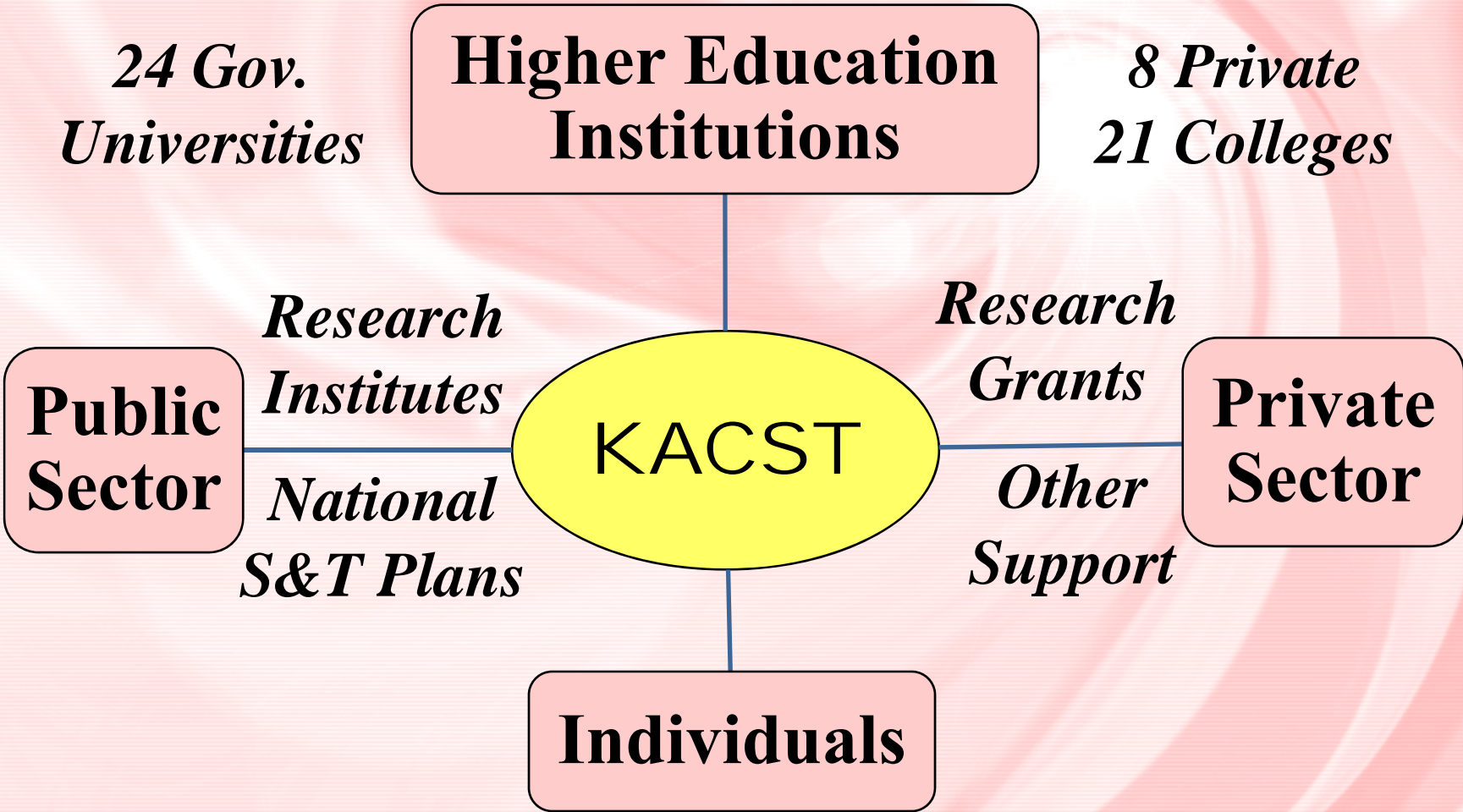


**Largest Oil  
Reserves**

***Knowledge-  
based  
Development***



# Research in SA



# King Abdulaziz City for Science & Technology: *KACST*

## *VISION*

To be a:  
***“world-class  
science and  
technology  
organization”***

*that  
fosters innovation  
and promotes  
knowledge-based  
society in Saudi  
Arabia”.*

# King Abdulaziz City for Science & Technology: *KACST*

## *VALUES*

*Integrity*

*Loyalty*

*Value & Respect Employees*

*Serve Society*

*Excellence*

*Team-Work*

*Transparency*

II

RI: *Challenges*

*FFP*

*Others*



# Challenges to *RI*: 1/2

## FFP

*Fabrication*

***Making up (& reporting) data or results***

*Falsification*

***Manipulating research such that, it is inaccurate***

*Plagiarism*

***Appropriation of another person's work (without credit)***

*includes IPR: Intellectual property rights*

# Challenges to *RI*: 2/2

Others

*Risk*

*To human, animal & the environment*

*Duplication*

*Repeating same work to claim additional credit*

*Injustice*

*Such as; unfair reviewing*

*Errors*

*Deliberate OR honest*



Raised Complain: *in SA*

Where

*Scientific Research  
Symposium in the  
Gulf Universities: May 2008*

By who

*Lady professor at  
King Saud Universities:  
Prof. Hind Khathilah*

## Raised Complain: *in SA*

Complain of  
*Injustice*

Case

*Fairness in “review” for  
publishing: Subjective  
decision*

*Good paper rejected:  
Published later in a  
better journal*

# IV

## Practices: *KACST*

**RI Controls:**  
*National S & T Plans*

**RI Controls:**  
*Research Grants*

**Fair Reviewing: AAAS**

**Promotions: *Scientific Council***

# RI Controls: *National S&T Plans*

## *Rules for Supporting Projects*

***Adherence to Research  
Ethics & IPR***

**Article 14**

***Adherence to Rules  
Concerned with Live Animals  
& the Environment***

**Article 15**

# RI Controls: *Research Grants (1/2)*

## *Rules for KACST Research Grants*

### *Duplication*

No support to ***duplicate*** projects: ***Article 6.***

If ***duplication*** discovered later, support is refunded : ***Article 25.***

### *Plagiarism & IPR*

Both: Patents & Publications:  
***Articles: 35 & 36***

# RI Controls: *Research Grants (2/2)*

## *Rules for KACST Research Grants*

*Risk to:  
Human,  
Animal &  
the  
Environment*

**Formal permission of research that may cause “*risk*” is essential:**

***Articles 42, 43 & 44***



# RI Controls: *Fair Reviewing*

## *Promotion of Research Staff*

AAAS

*An international non-profit organization dedicated to advancing science around the world*

Review

*Five AAAS reviewers for supporting projects*

# RI Controls: *Promotions*

*KACST Scientific Council*

*Rules*

***Rules based on research  
productivity and on  
KACST values including  
“integrity”***

*Compatibility*

***With Higher Education***

**V**

Practices: *HE*

**RI Controls: *Duties***

**RI Controls: *Duplication***

# RI Controls: *HE*

## *"Duties"*

Principles:

*Ethics & Honour*

Rules:

*Good Behaviour*

**Article: 38**

***Paragraph: 1***

# RI Controls: *HE*

*“Duplication”*

Use of past work is  
“forbidden”:

*(Reports, MSc & PhD)*

**Article: 35**

Control Measures

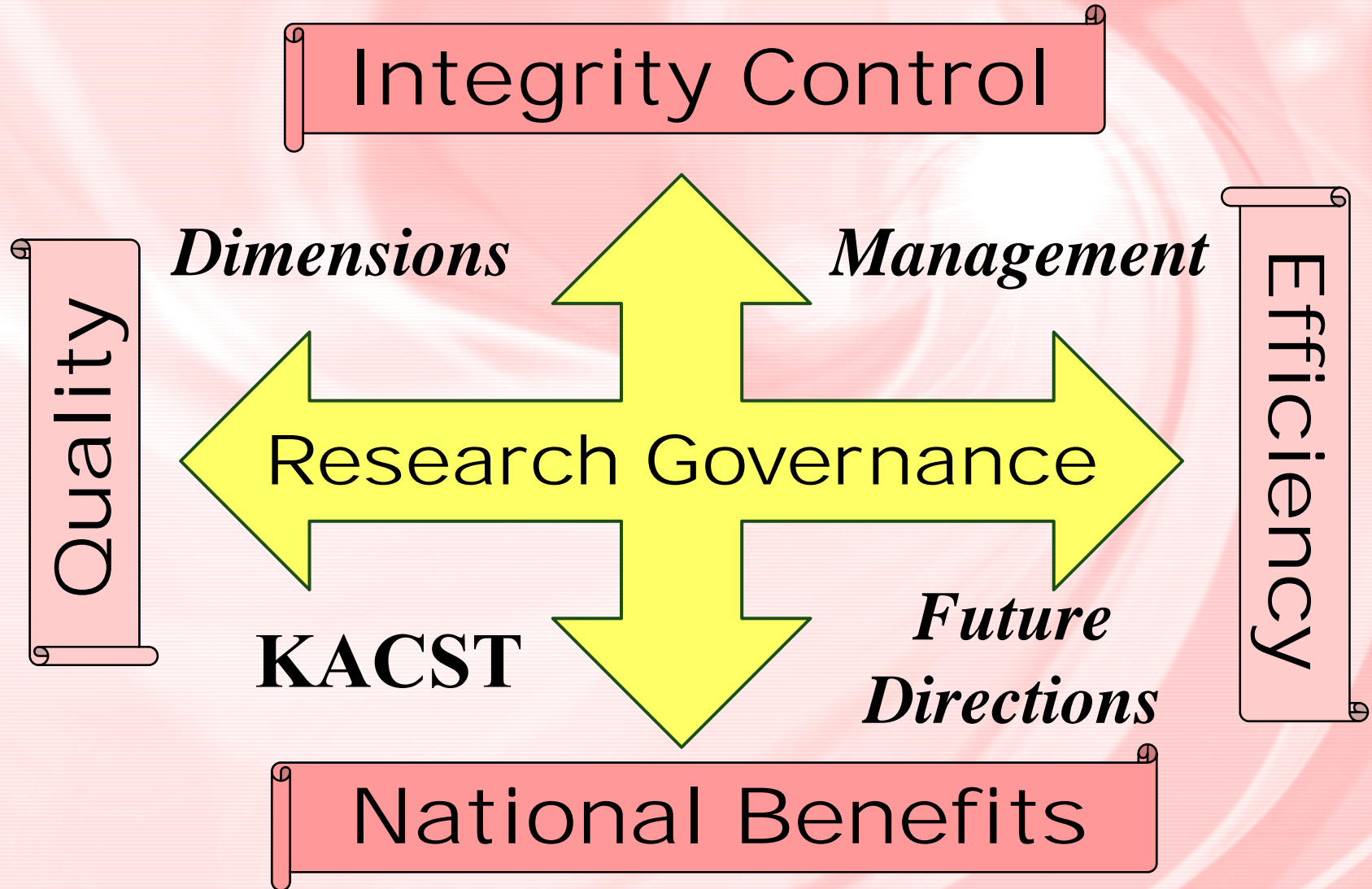
**VI**

# Views for the Future

**Toward an integrated view:  
*“Research Governance”***

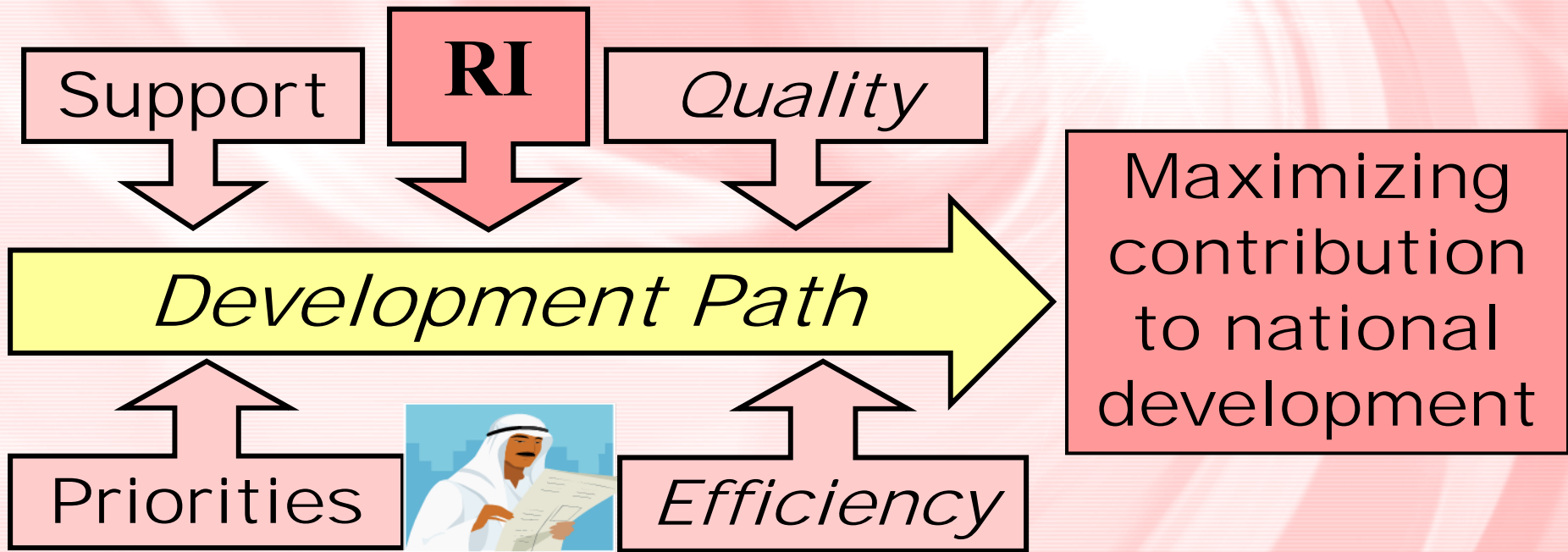
Development

# KACST *integrated future view*



# Toward *implementation*

## "Research Governance" Project



*Knowledge Management & Sharing*



# References: *International*

<b>AAAS</b>	American Association for the Advancement of Science. <a href="http://www.aaas.org/">http://www.aaas.org/</a>
<b>NEH</b>	National Endowment for Humanities, USA. <a href="http://www.neh.gov/grants/guidelines/researchmisconduct.html">http://www.neh.gov/grants/guidelines/researchmisconduct.html</a>
<b>RIO</b>	Research Integrity Office, UK. <a href="http://www.ukrio.org/sites/ukrio2/uk_research_integrity_office_ukrio/index.cfm">http://www.ukrio.org/sites/ukrio2/uk_research_integrity_office_ukrio/index.cfm</a>
<b>COPE</b>	Committee for Publication Ethics, UK. <a href="http://publicationethics.org/about">http://publicationethics.org/about</a>
<b>AREC</b>	Association of Research Ethics Committees, UK <a href="http://www.arec.org.uk/">http://www.arec.org.uk/</a>
<b>ESF</b>	European Science Foundation, Europe <a href="http://www.esf.org/ext-ceo-news-singleview/article/world-conference-on-research-integrity-to-foster-responsible-research-318.html">http://www.esf.org/ext-ceo-news-singleview/article/world-conference-on-research-integrity-to-foster-responsible-research-318.html</a>
<b>Conference</b>	2 <sup>nd</sup> Conference on RI, Pan Pacific Hotel, Singapore: 21-24 July 2010 <a href="http://www.wcri2010.org/">http://www.wcri2010.org/</a>

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<b>CDSI</b>	<p>Central Department of Statistics and Information.  <a href="http://www.cdsi.gov.sa/showcatalog.aspx?lid=26&amp;cgid=1002">http://www.cdsi.gov.sa/showcatalog.aspx?lid=26&amp;cgid=1002</a></p>
<b>KACST</b>	<p>King Abdulaziz City for Science and Technology.  <a href="http://www.kacst.edu.sa/en/about/Pages/default.aspx">http://www.kacst.edu.sa/en/about/Pages/default.aspx</a></p>
	<p>Rules for Supporting Grants and Projects, Saudi Science and Technology Plan, KACST Directorate for Planning &amp; Follow-up, May 2010.</p>
	<p>New rules for research grants. KACST Directorate for Research Grants, May 2010.</p>
<b>MOHE</b>	<p>Ministry of Higher Education.  <a href="http://www.mohe.gov.sa/en/aboutus/Pages/default.aspx">http://www.mohe.gov.sa/en/aboutus/Pages/default.aspx</a></p>
	<p>Regulations of the Higher Education Council and Universities in Saudi Arabia, General Secretariat of the Higher Education Council, Kingdom of Saudi Arabia, Third Print, 2007 (In Arabic).</p>
<b>Gulf Univ.</b>	<p>Research in the Gulf Universities: Present and Future Perspectives, Scientific Research Symposium, Umm Al-Qura University, Makkah Al-Mukarramah, Saudi Arabia, 25-27 May 2008</p>

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KACST	<p>مدينة الملك عبد العزيز للعلوم والتقنية</p> <p><a href="http://www.kacst.edu.sa/en/about/Pages/default.aspx">http://www.kacst.edu.sa/en/about/Pages/default.aspx</a></p>
	<p>آليات وإجراءات تنفيذ وتمويل برامج ومشروعات الخطة الوطنية للعلوم والتقنية، مايو 2010</p> <p>قواعد نظام برامج المنح (الجديد): الإدارة العامة لبرامج المنح، مايو 2010.</p>
MOHE	<p>وزارة التعليم العالي</p> <p><a href="http://www.mohe.gov.sa/en/aboutus/Pages/default.aspx">http://www.mohe.gov.sa/en/aboutus/Pages/default.aspx</a></p>
	<p>نظام مجلس التعليم العالي والجامعات ولوائحه، الأمانة العامة لمجلس التعليم العالي، الطبعة الثالثة، 2007.</p>
Gulf Univ.	<p>أوراق عمل ندوة البحث العلمي في الجامعات الخليجية: الواقع والتطلعات، جامعة أم القرى، 25-27 مايو 2008.</p>