Saudi Arabia V2030: The Education Pilar and the Role of Private Sector
Vision 2030

Build the institutional capacity and capabilities needed to achieve the ambitious goals of “Saudi Arabia's Vision 2030”

Actions

❖ Identifying the Strategic Objectives and Targets of Participating Entities
❖ Translating Strategic Objectives into Initiatives for the Participating Entities
❖ Promoting Joint Action Toward the Achievement of Common National Goals
Background on KSA K12 Education Sector:

- Students: 6.2 Million
- Teachers: 0.5 Million
- Avg. students per teacher: 11
- Students finishing primary education: 97%
- Quality of Math & Science Index: 4.2 (World Economic Forum - Index value 1-7)
- Participation of private education: 18%
- Girls: 49%
- Boys: 51%
Background on KSA K12 Education Sector:

**Avg. Students Per Schools**
- Primary: 213
- Intermediate: 155
- Secondary: 218

**Total Number of Schools**
- 38,000
- Remote Area Schools (less than 100 students): 3,000
### Background on Higher Education Sector:

<table>
<thead>
<tr>
<th></th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Government Universities</td>
<td>28</td>
</tr>
<tr>
<td>No. Private College/Universities</td>
<td>29</td>
</tr>
<tr>
<td>No. Students</td>
<td>1.5 M</td>
</tr>
</tbody>
</table>
Common National Goals:

- **PRIVATE SECTOR PARTICIPATION**: 40% of public spending on initiatives will be funded by the private sector.

- **MAXIMIZING LOCAL CONTENT**: Some program initiatives contribute to localizing more than SAR 270 billion of content.

- **JOB CREATION**: More than 450,000 jobs the NTP will activate in the Private Sector.

- **DIGITAL TRANSFORMATION THROUGH**:
  - Creating 5 common digital platforms among public entities.
  - Launching 29 digital initiatives in vital sectors.
  - Investing in a number of national digital assets.
The Ministry of Education (MoE) has started the digital transformation in the education sector with firm steps towards meeting the goals of Saudi Vision 2030:

- Offering educational services to learners of all education levels and regions
- Enable a learning environment that encourages creativity and innovation
Saudi Digital Education Strategy:

Towards achieving the V2030 goals, a number of core initiatives are planned:

- National Learning Platform
- Academic Staff Capacity Building
- Smart Schools
- Pedagogy
- Curriculum and Content
- Education Quality
- Digital Skills
Highlights on TETCO:

Tatweer Educational Technologies (TETCO) is the technology arm of the Saudi Ministry of Education (MOE)

Currently leading a numerous wide national initiatives towards transforming education in Saudi Arabia,

with partnership of the private sector
Highlights on Current Initiatives:

Future Gate

Future Gate is effectively utilizing information technology, capacity building of teachers and new pedagogical methods to reform schools and innovate the delivery of learning and teaching in k12 throughout the kingdom, following the strategic objectives of the vision 2030.

Learners and teachers are the main focus of Future Gate and the ultimate stakeholders of the educational experience.
Highlights on Current Initiatives:

Future Gate Objective

❖ Change the traditional learning experience
❖ Offer an interactive digital learning environment
❖ Utilize the youth adoption of the new technology, for constructive educational purposes
❖ Expend learning services inside and outside the school
❖ Empower the student with the interpersonal skills (21st Century), to be more ready for the higher education and workplace
## Highlights on Current Initiatives:

### Future Gate in Figures

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of schools</td>
<td>310</td>
</tr>
<tr>
<td>Number of teachers</td>
<td>7,273</td>
</tr>
<tr>
<td>No. of students</td>
<td>104,485</td>
</tr>
<tr>
<td>Interactive content</td>
<td>780,357</td>
</tr>
<tr>
<td>Discussions forums, assignments, lesson preparations and exams</td>
<td>1,300,000</td>
</tr>
<tr>
<td>Smart classrooms</td>
<td>10,990</td>
</tr>
<tr>
<td>Best practices from the field</td>
<td>182</td>
</tr>
</tbody>
</table>
Highlights on Current Initiatives:

Virtual school and Smart Classrooms

❖ The virtual school system aims to use technology in offering high quality and interactive learning for all students across the Kingdom.

❖ Simultaneously connecting students in schools with outstanding teachers from different regions.

❖ Powered by modern and integrated system for providing interactive distance learning in schools

❖ The virtual schools consists of:
  ▪ Projection screens, equipped with smart cameras allowing high interaction between teacher and student.
  ▪ Interactive whiteboards to deliver lessons and enable input and interaction of students.
  ▪ Recording cameras, to capture the interaction in the classroom
  ▪ A platform for sharing educational materials and activities
## Highlights on Current Initiatives:

### Virtual school and Smart Classrooms

<table>
<thead>
<tr>
<th>Service</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educational regions and directorates</td>
<td>3</td>
</tr>
<tr>
<td>Teacher broadcasting centers</td>
<td>6</td>
</tr>
<tr>
<td>Smart classrooms</td>
<td>14</td>
</tr>
<tr>
<td>Academic advisors</td>
<td>23</td>
</tr>
<tr>
<td>Teachers</td>
<td>8</td>
</tr>
<tr>
<td>Students</td>
<td>608</td>
</tr>
<tr>
<td>Technical support staff</td>
<td>6</td>
</tr>
<tr>
<td>Classrooms</td>
<td>18</td>
</tr>
<tr>
<td>Broadcasted lesson</td>
<td>1100</td>
</tr>
<tr>
<td>Avg. distance between city center and remote school</td>
<td>260 KM</td>
</tr>
</tbody>
</table>
Highlights on Current Initiatives:

Teaching with Digital Technology

❖ Train and certify teachers on “Teaching with Digital Technology”
❖ Cambridge International Certificate and Diploma in Teaching and Learning
❖ Use of technology to design, deliver and evaluate learning
❖ Delivered in blended learning style (face-to-face training and online)
❖ Covered three regions
❖ Phase 1, **150 teachers** (2017/2018)
❖ Phase 2, **350 teachers** (2018/2019)
❖ 1000 Teachers to be trained by 2022
Highlights on Current Initiatives:

Students Digital Skills

- Build the computational thinking, programing and creativity skills of students
- Integrate digital makers skills into the school curriculum
- Enhance the digital pedagogy skills of teachers towards teaching problem solving and coding
- Advance the infrastructure of **50 schools** in three regions
- Start with a pilot of **50 teachers** and **10 educational supervisors** 2018/2019 (**6000 students**)
- Expand gradually to other schools in the coming years
- Start in primary education (5th and 6th grade)
Private Sector Participation and Role

- TETCO is playing an active role in engaging and supporting Small Medium Enterprises to participate in the delivery of the transformation initiatives
- Working with its partners from large firms to assure well alignment of these firms towards the common goals
- TETCO worked with more than 20 private sector partners in the Future Gate program and other initiatives last year
- More engagement of the private sector companies is foreseen towards successful delivery and service of the large initiatives of the education sector in KSA
Private Sector Participation and Role
Companies and Partners
Alignment of transformation with UN Sustainable Development Goals:

❖ The digital education transformation ensures inclusive and equitable quality education and promote lifelong learning opportunities for all.

❖ The four dimensions of sustainability (*Educational*, *Economic*, *Equity* (social), *Environmental*) are encompassed in the V2030 and emphasize on sustainable education through technology and the effective achievements.
Thank You