KNOWLEDGE FOR PROSPERITY
PARIS21 Conference Session 4: Financing Statistical Capacity Development

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Our vision, Knowledge for Prosperity, is aligned with UAE Government’s vision to be the best country in the world by our nation’s 50th jubilee.
FCSA focuses on 3 core businesses and 4 strategic objectives in order to achieve its vision.
Globally there is a need to change from traditional business models in NSO to adopt with the digital age.

In the last decade, NSOs have been reflecting on their traditional business model and have demonstrated a willingness to explore and consider new, alternative, and often big data sets.

Challenges:
- Declining response rates
- Increasing costs of data collection
- Increasing statistical releases from private companies
- Increasing public appetite for immediate access to data
Priority areas in statistical capacity building are shifting

With the vast amount of data being produced, NSOs are beginning to understand the need to build capacity for a new breed of statistician – the ‘data scientist’.

**Traditionally**

- Statistician
- Technical and analytics skills, Mathematics, Operational research, Ability to analyze, Model and Interpret Data

**Moving Forward**

- Data Scientist
- Programming, Mathematics, Business, Understanding Statistics, Data Visualization, Machine learning

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**Diagram:**

- Computer Science/IT
- Math and Statistics
- Software Development
- Machine Learning
- Domain/Business Knowledge

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FCSA UAE | الإحصاء
FCSA is addressing the changing business model through partnerships

Forming **collaborative partnerships** with private sector, academia, and other NSOs has proven to be a very effective model.

**Local Government**
- Dubai Statistics Center
- Smart Dubai

**Federal Government**
- Telecommunication Regulatory Authority
- Prime Minister Office

**International Partners**
- GCC Stat
- UN Global Platform - Regional Hub
- Data Science Campus
- UNSD (SDG Data Hub)

**Academia**
- Diploma in official Statistics and Data Science (University of Lisbon)
- EBTIC (Khalifa University)

**Private Sector**
- Data Camp
- IBM
- Alteryx