

# ***TxIS***

**Texas Institute of Science**

*An Engineering  
&  
Research Services  
Company*

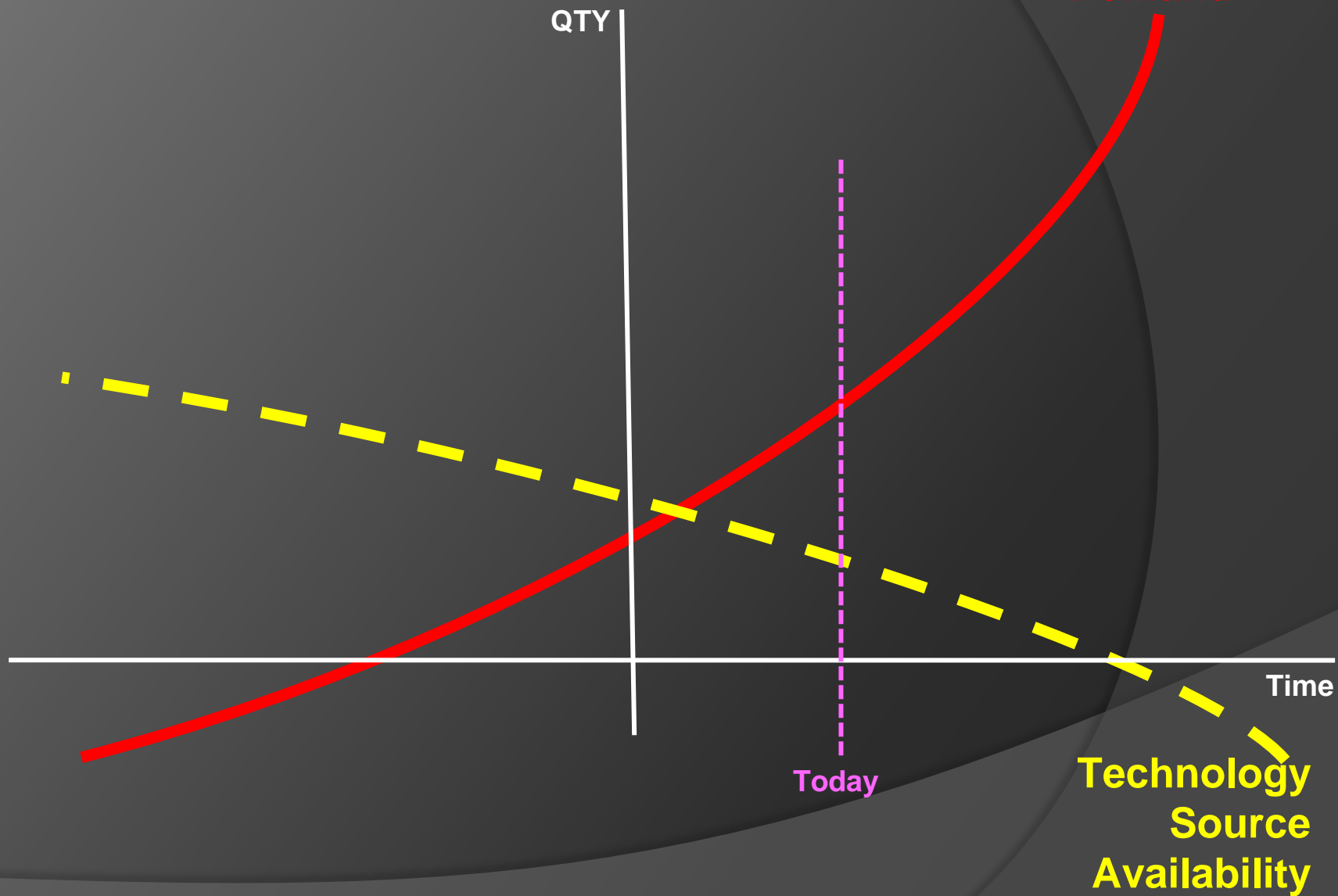
**TxIS Introduces**

the

**Next 50 Years'**  
**Technology Exchange Paradigm**

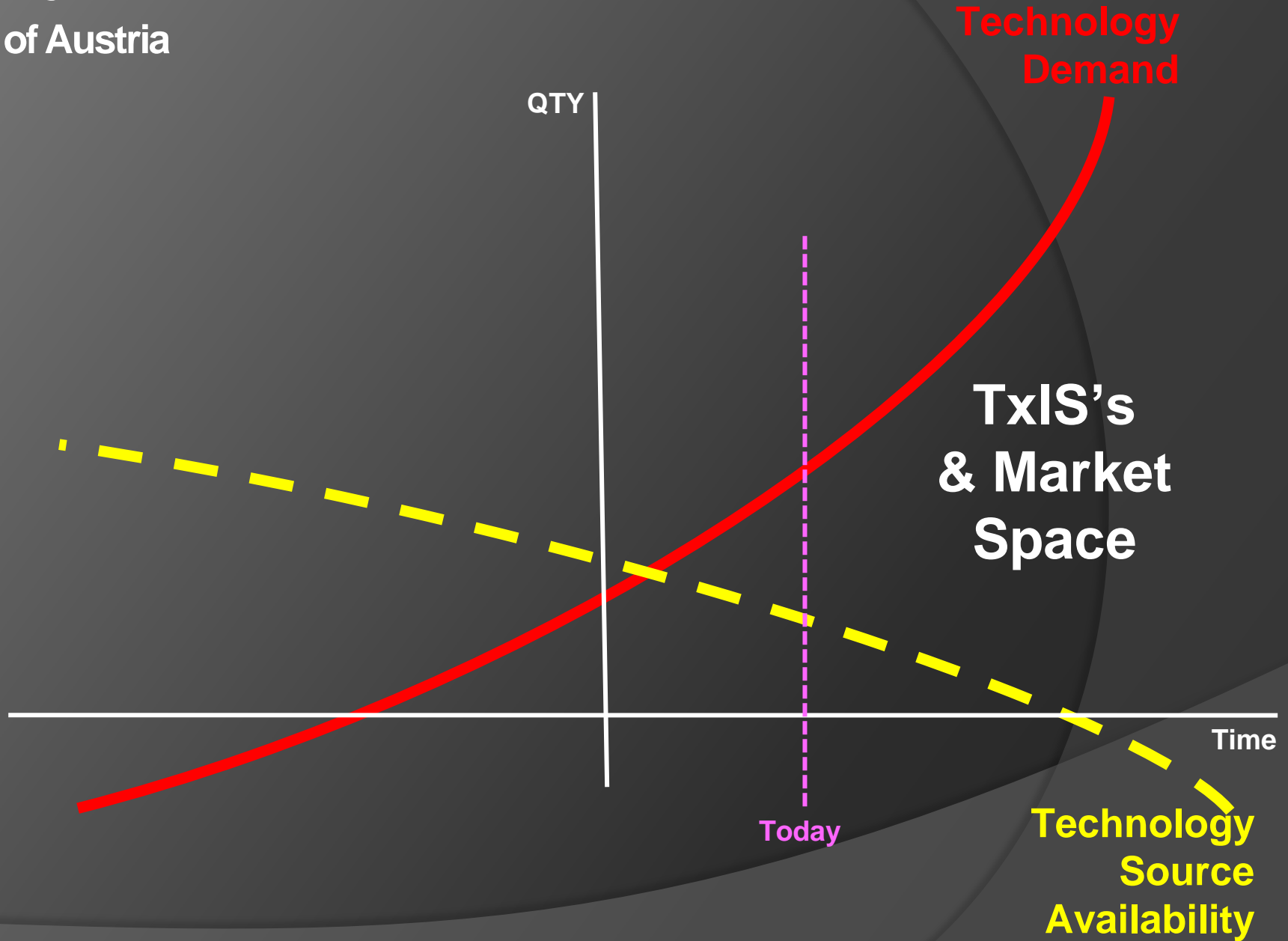
# Underlying Facts

West of Austria



# Trend

West of Austria



# Legacy Concept

**STATIC**

**“Bldg” Output = No of People x Experience**

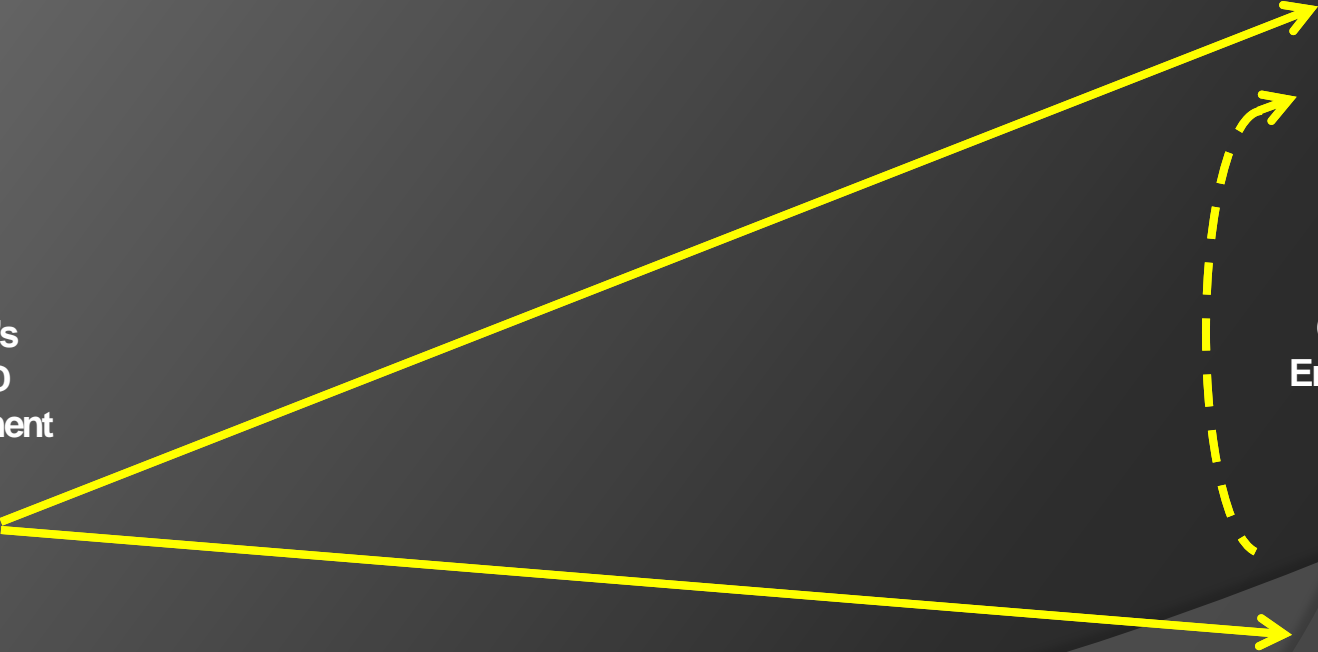
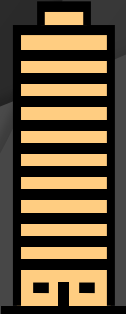
Client's  
R & D  
Department



University

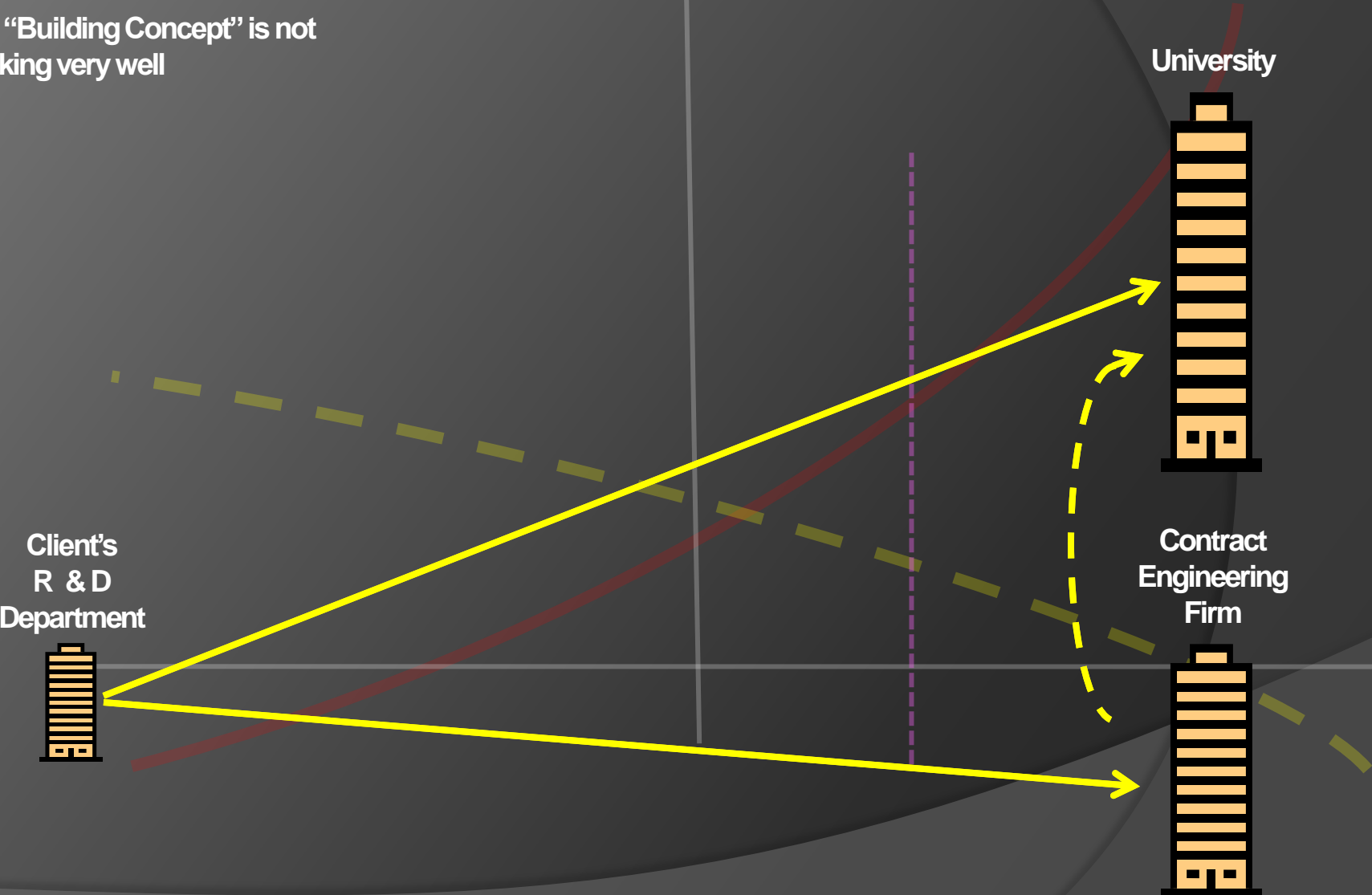


Contract  
Engineering  
Firm



# Add Them Up...

The "Building Concept" is not working very well



# From Static to Dynamic

**STATIC**

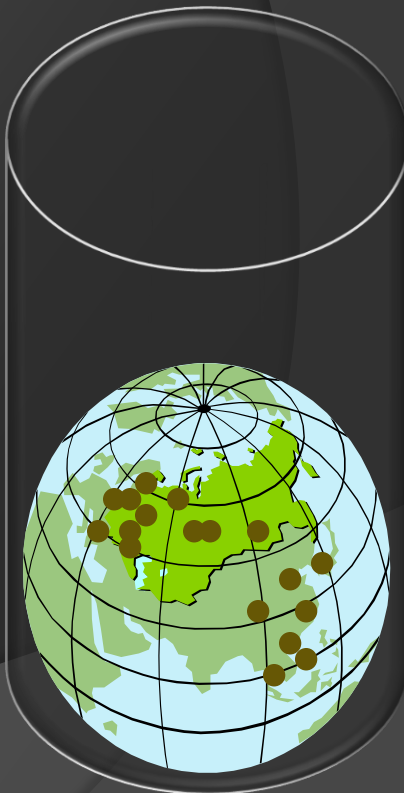


**DYNAMIC**

In DB:  
Faculty, Department  
Professor Level

**DETAILED  
"BUILDING"  
INFORMATION**

Client's  
R & D  
Department



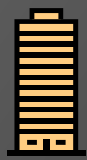
# From Static to Dynamic

**STATIC**

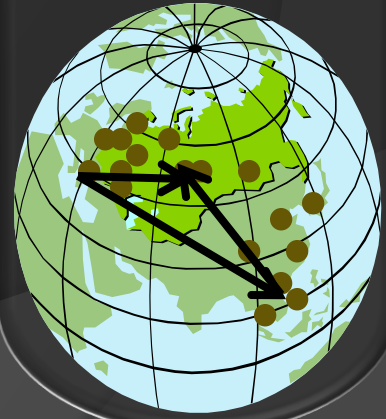


**DYNAMIC**

Client's  
R & D  
Department



**Managed,  
Project Specific,  
Just-in-time, Dynamic  
Expert Groups**





# TxIS Model

**STATIC**

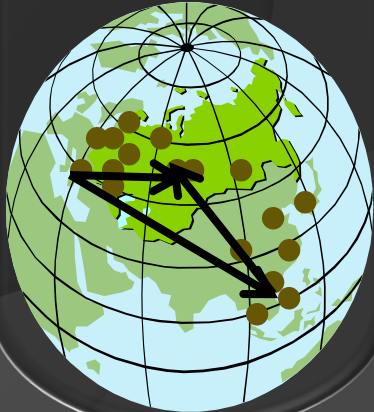


**DYNAMIC**

**TxIS**

18,000+  
Professors  
2,000+  
Departments  
200+  
Universities

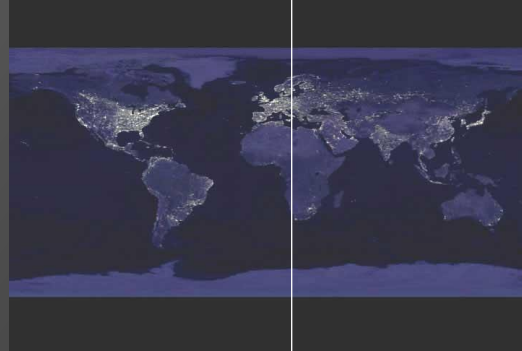
Client's  
R & D  
Department



# Basic Arithmetic

Austria

- Decreasing pool of technologists
- Increasing number of problems
- Available funding
- Restrictions on IP Transfer



- Approx. 500,000 brilliant technologists
- Available test facilities w/state of the art equipment
- No funding
- No meaningful projects
- No restrictions on IP Transfer

# TxIS Organization

## PROJECT MANAGEMENT

### Dallas HQ

- Database Organization
- Search Engine
- Consulting Matrix

### Houston Office

Dubai Office (1Q '13)

Aberdeen Office (4Q '13)

Energy and Mining Industries

50+ Clients



9 TxIS Field Offices

18,000 Technologists

200+ Universities

2,000+ Departments  
and Faculties

800+ test labs

# TxIS Governing Body

## BOARD OF DIRECTORS

**Mark David**  
**(Chairman)**

**Tom Roberts**

**Arnaud Bobillier**  
**(Transocean)**

**T. Jay Collins**  
**(Oceaneering)**

**Galen Cobb**  
**(Halliburton)**

**Laslo Olah**

## BOARD OF ADVISORS

**Dr. Da Hsuan Feng**  
Exec. V.P., National Tsing Hua  
University Beijing, China

**Dr. Russell A. Hulse**  
Nobel Laureate in Physics

**Dr. Alain Bensoussan**  
Former Chairman  
European Space Agency

**Dr. Miroslav Vlcek**  
Vice-Rector, Int. Relations,  
Czech Technical Univ., Prague

**Rina Pridor**  
Former General Director  
Israeli Technology Incubators

**Dr. Laszlo Kapolyi**  
Former Secretary of Industries,  
Republic of Hungary

**Dr. Hasan Pirkul**  
Dean, School of Mgmt., UTD

**Dr. Andrei Zabrodskii**  
Director, IOFFE  
Physico-Technical Institute  
St. Petersburg, Russia

# Market

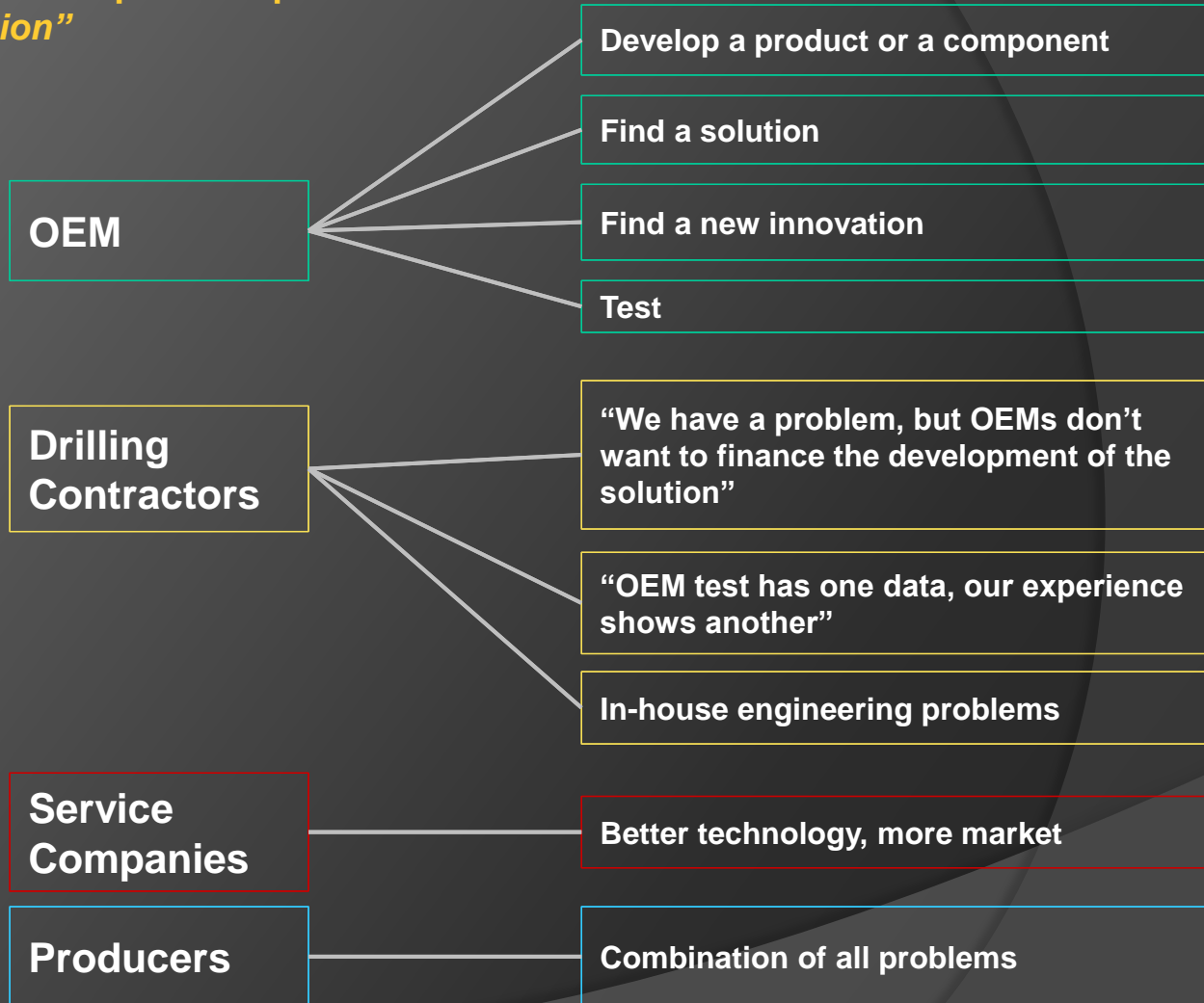
TxIS looks at a project based upon disciplines.  
"A corrosion is a corrosion"

>\$500M CLIENT

Just-in-time assistance with missing disciplines

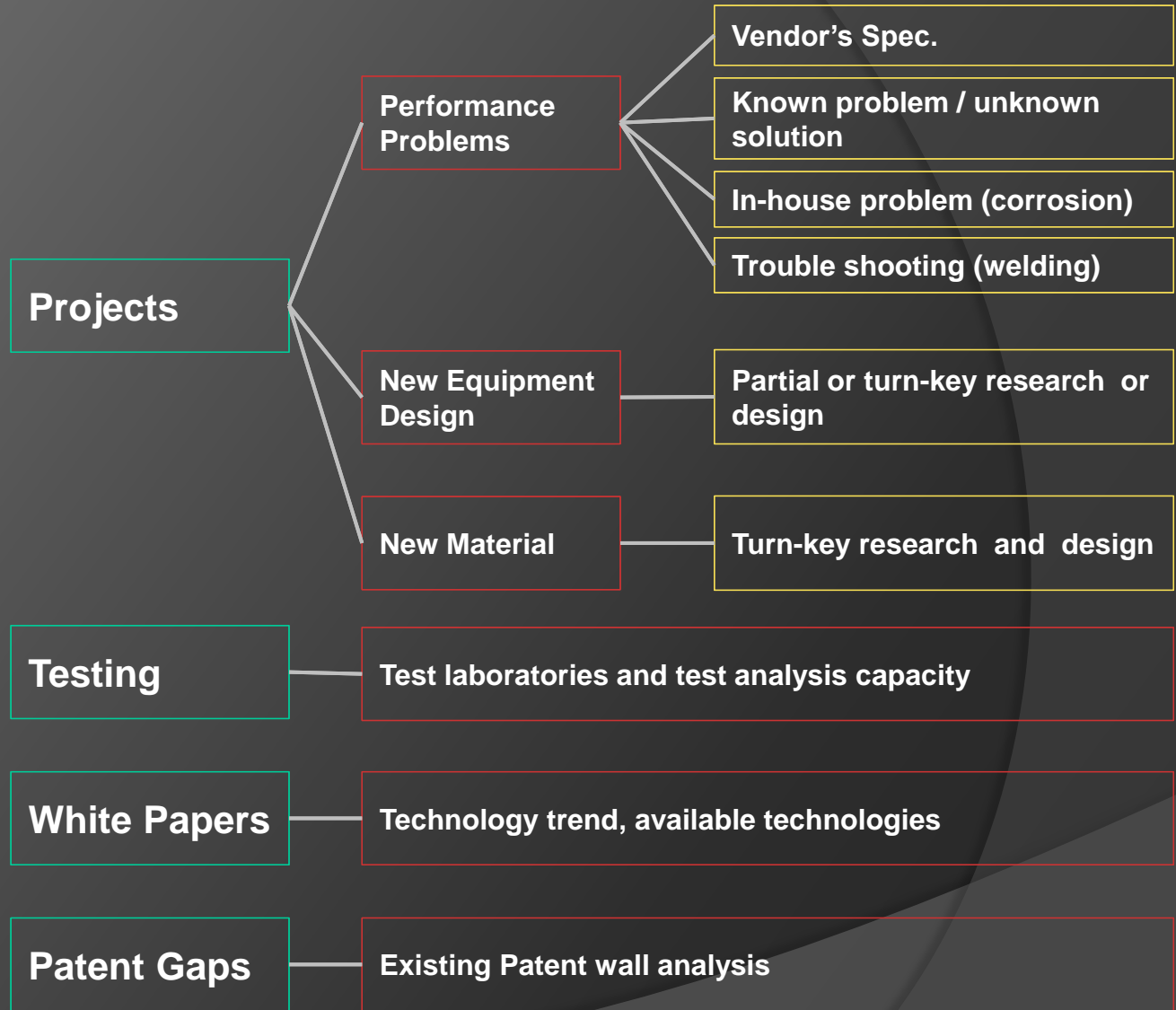
<\$500M CLIENT

Put them at par with large companies

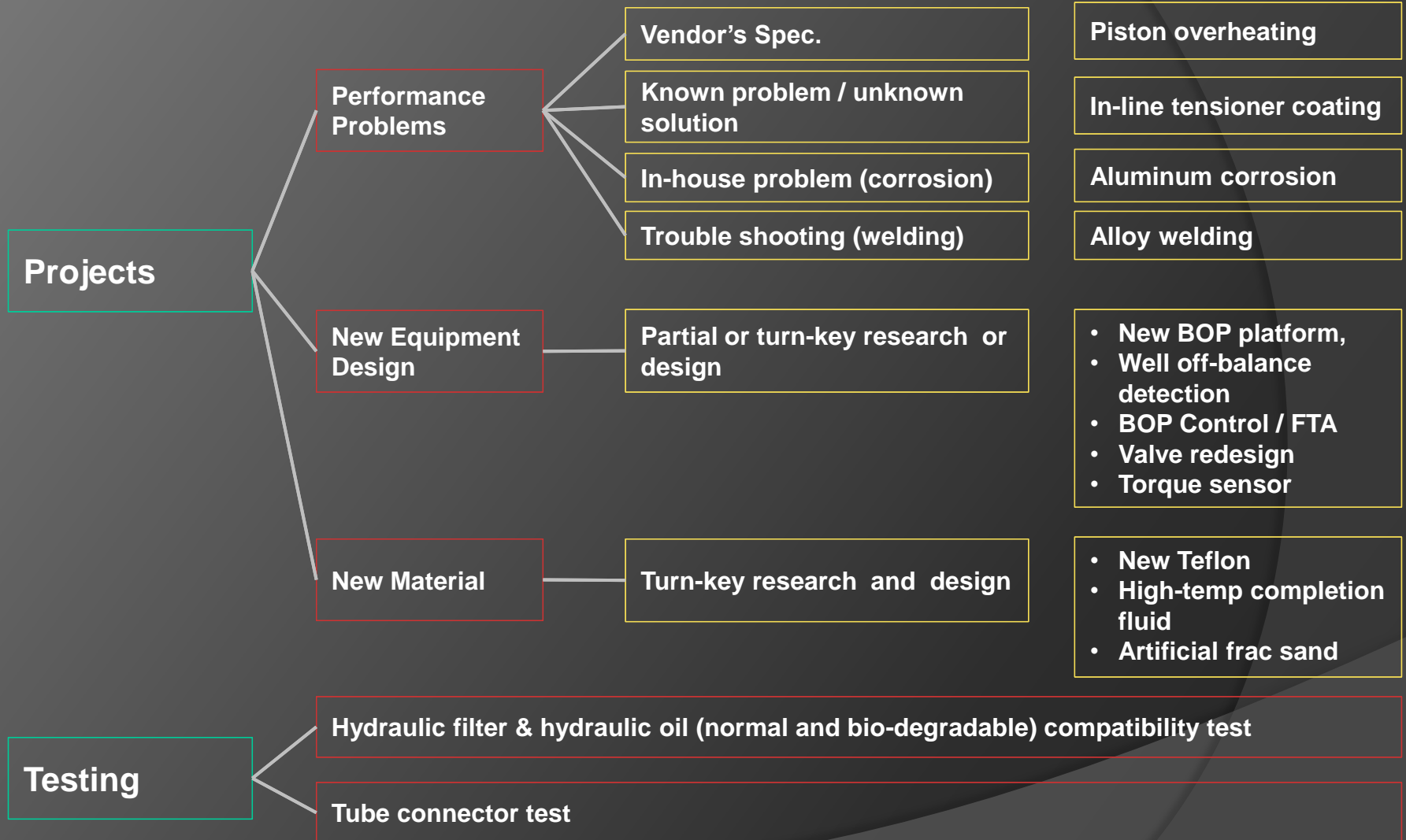


# Services

## Engineering & Research Programs



# Applications



# Inside the Project

## TxIS Management

### Engagement

Project taken only if sufficient engineering and project management power available

Tight NDA and Non-Circumvention are maintained

### Learning the Project

Short Learning Curve (not longer than own team)

No language problem

### Assemble the Team

Back-up team, Parallel Development or Testing

### Introduce the Team

Open communication between parties

### Do the Project

Weekly Reporting

TxIS is responsible for delivery



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TxIS is responsible for delivery

**For the duration of the project, we become your team**

# Bottom Line

EXPAND OUR CLIENT'S CAPABILITIES

To desired **Directions**

Providing desired **Expertise**

Utilizing desired **Facilities**

Providing adequate **Management**

In a true **Just In Time** paradigm



CLIENT

# Value We Add

- Your engineering lab will always “consist” of: the **best minds** in the business with **specific knowledge** of the problem

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Now you have 18,300

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30% lower cost

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**“If we did not deliver..**

**..We refund.”**

**Thank You**

[www.txis.us](http://www.txis.us)