



**GA Drilling**



# **Horizon 2020 and Small and Medium-Sized Enterprises**

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25.6.2015, Hotel NH Bratislava Gate One

## Company overview

- **GA Drilling** is a Slovak company developing and commercializing the **groundbreaking technology platform PLASMABIT** delivering substantial time and cost savings in **Drilling and other energy industries**
- **Prototype stage** of the PLASMABIT technology
- **Six years in the R&D** for drilling and well construction
- Cooperation with **leading companies and institutes**
- **Eight patents**



## Involvement in FP7 / Horizon 2020

- **Currently involved in one FP7 project**
- The Sustainable Technologies for Calcined Industrial Minerals (**STOICISM**)
- Started in January 2013 with **48-months duration**
- **17 partners** from 8 different European countries
- GA Drilling **bringing plasma-based technology** with its features
- **Involvement in WP3: Dewatering and drying** and **WP4: Calcination**



# Small and Medium-Sized Enterprise

Fundamental question:

## How to build a high-tech competitive successful company?



1. Access to finance (public/private)
2. Knowledge, expertise, information
3. Networks, cooperation partners
4. Access to platforms / infrastructures
5. Access to customers
6. Visibility and recognition

## Synergies with Structural Funds

- Increased funding for R&I available under regional funding
- National authorities in charge (not Commission)
- Unutilized opportunity for Slovakia:

More Structural Funds OP R&D



Lower Success in FP7

- Incoherence of national science policy with FP7/H2020

**THE CHALLENGE**

# GA Drilling ecosystem



RESEARCH & INNOVATION  
FP7

Structural Funds of EU

7<sup>th</sup> Framework Programme / Horizon 2020

## Slovenská akadémia vied SAV

- Ústav materiálov a mechaniky strojov
- Ústav anorganickej chémie
- Ústav informatiky SAV

## Slovenská technická univerzita STU

- Strojnícka fakulta
- Fakulta elektrotechniky a informatiky
- Materiálovo technologická fakulta

## Univerzita Komenského

- Prírodovedecká fakulta

## Žilinská univerzita

- Strojnícka fakulta
- Elektrotechnická fakulta

GA  
Drilling



BEZ Transformátory



NES Nová Dubnica

...

Slovenský  
plynárenský  
priemysel

Nafta

Enel  
Slovenské  
elektrárne

E.ON

Market/ Industry



ConocoPhillips



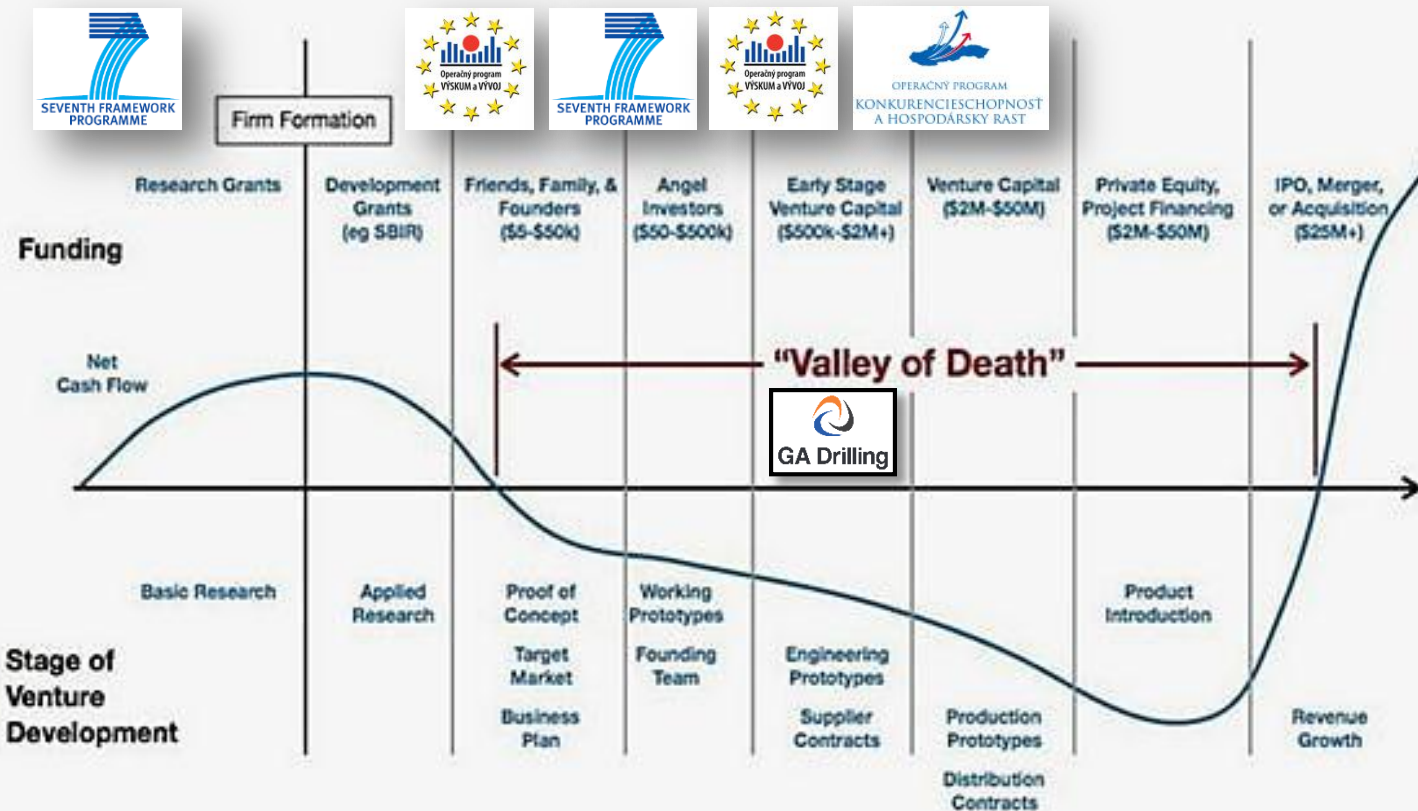
ارامكو السعودية  
Saudi Aramco





# Case study GA Drilling – technology company

## Lifecycle of a venture



**Bring Ideas  
Travel  
Network  
Courage Beyond Horizons**

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