



GA Drilling

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020



Horizon 2020 and Small and Medium-Sized Enterprises

Ľuboš Slovák, Chief Project Officer, GA Drilling

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



Structural Funds of EU

7th 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

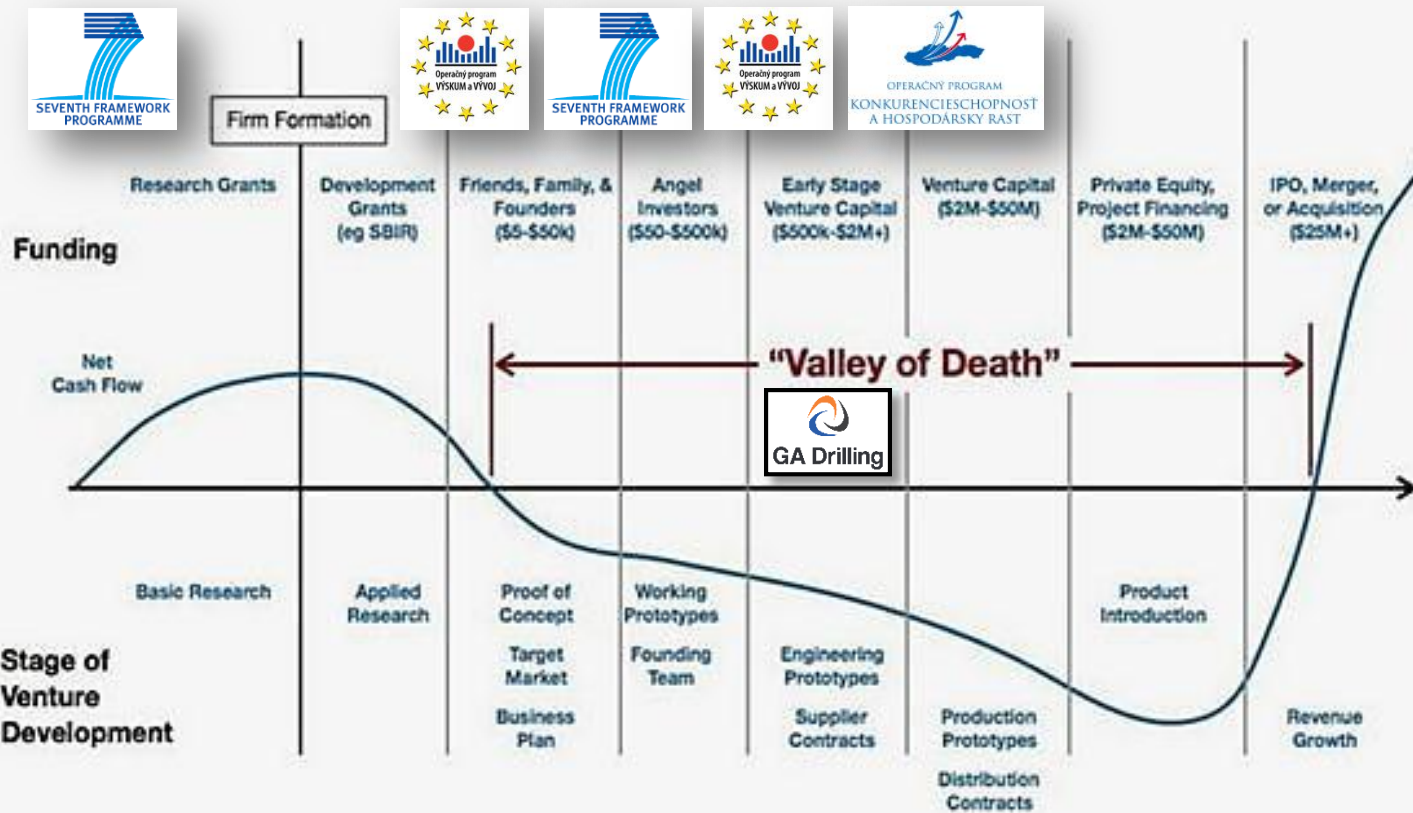


ارامكو السعودية
Saudi Aramco



Case study GA Drilling – technology company

Lifecycle of a venture



**Bring Ideas
Travel
Network
Courage Beyond Horizons**

L'uboš Slovák

Lubos@GADrilling.com

www.gadrilling.com