



o-pitblast

The Most Advanced Blast Design & Optimization Platform in the World

www.o-pitblast.com

Company

- Born in 2016
- Based in Porto, Portugal



www.o-pitblast.com





Team



Vinícius Miranda
IT Director



Francisco Leite
Technical Services Director



Pedro Brito
Full-Stack Developer



Raquel Sobral
Technical Services Engineer

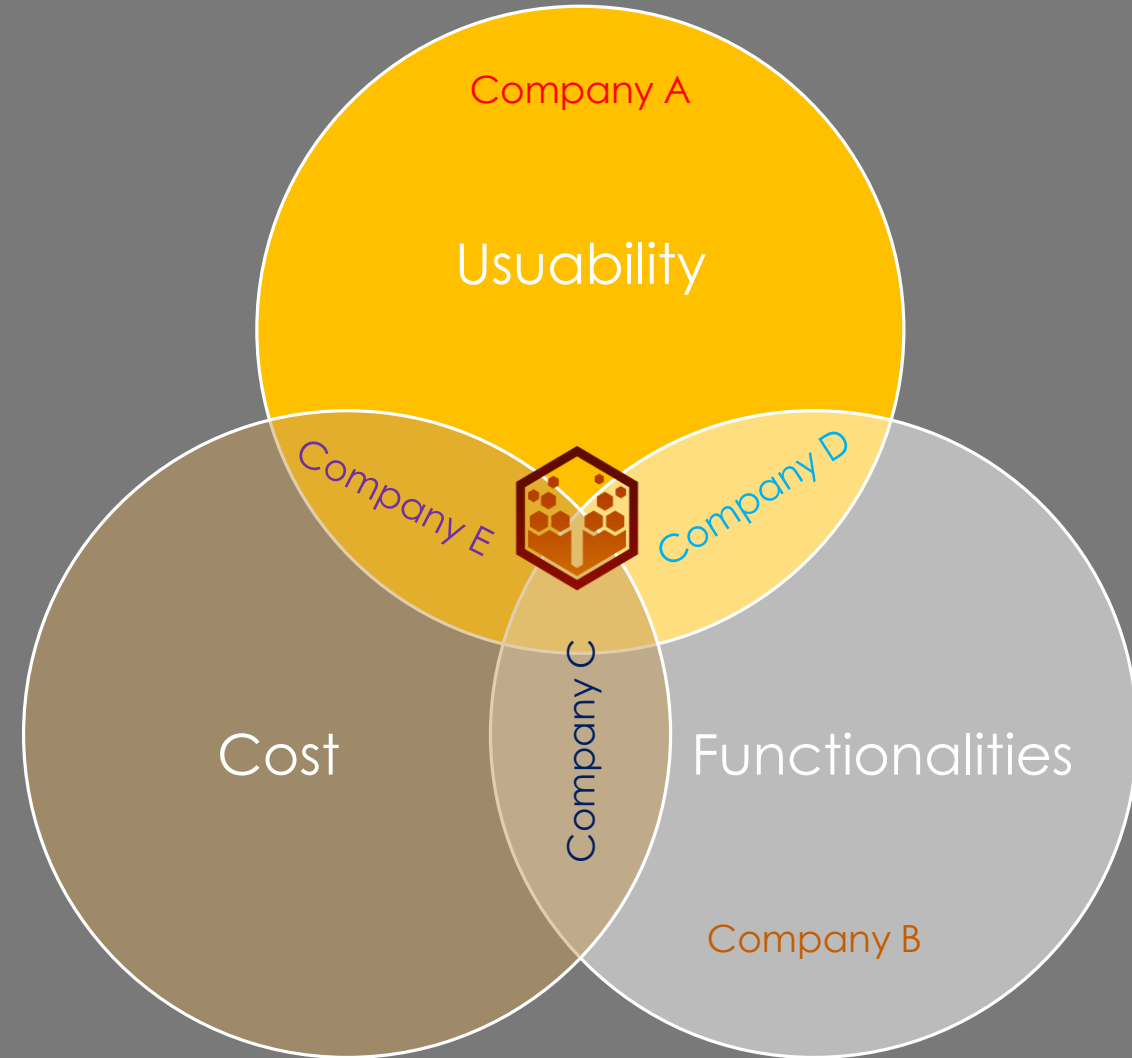


Gean Frank
Researcher



Differential

- All functionalities in one platform;
- On-line storage;
- The follow up of KPI's on-line;
- Communication with mobile devices;
- Direct communication with specialized engineers;
- Adaptation of system to client needs;



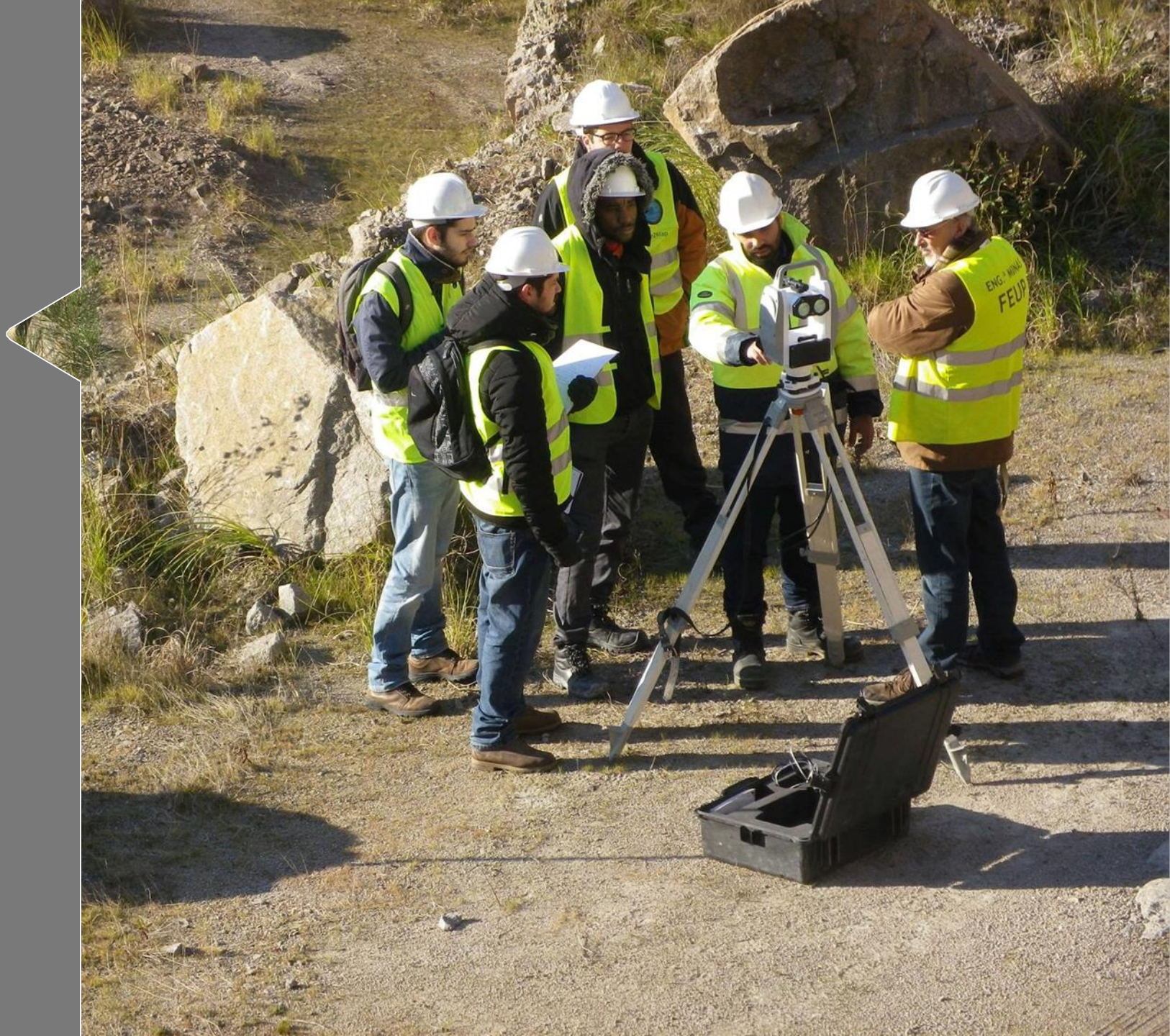
FOCUS

- Blast Optimization Platforms
- Blast Technical Services
- Open Pit Blast
- Under Water Blast

Objective

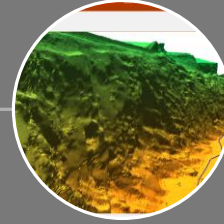
- Deliver optimization services
- Save cost
 - Direct savings
 - Administration Services
 - Mine2Mill optimization

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Our products



O-Pitblast

Blast Design & Optimization Platform



O-PitApp

Field control (Android e iPhone)



O-Pitblast Analytics

Online Blast KPI control



O-PitHolo

3D Free Face and Boulders Scan

Future Products

O-PitTrace



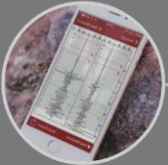
O-PitFrag



O-PitNoX



O-PitSeism



O-PitBoulders



O-PitDilution





O-Pitblast University

- Master thesis support
- Technical Support
- Online Resources
- Internship
- Training
- 30 Free licenses



o-pitblast
University



Published articles



– 11th International Symposium on Rock Fragmentation by Blasting (Australia) “Dilution, Ore Grade and Blast Movement Calculation Model”.



– 43rd Annual Conference on Explosives and Blasting Technique - 2017 (Florida, Estados Unidos) “A new Approach to 3D Modeling of Blast Free Faces”



– 43rd Annual Conference on Explosives and Blasting Technique - 2017 (Estados Unidos) “A New Blast Vibrations Analysis Methodology”



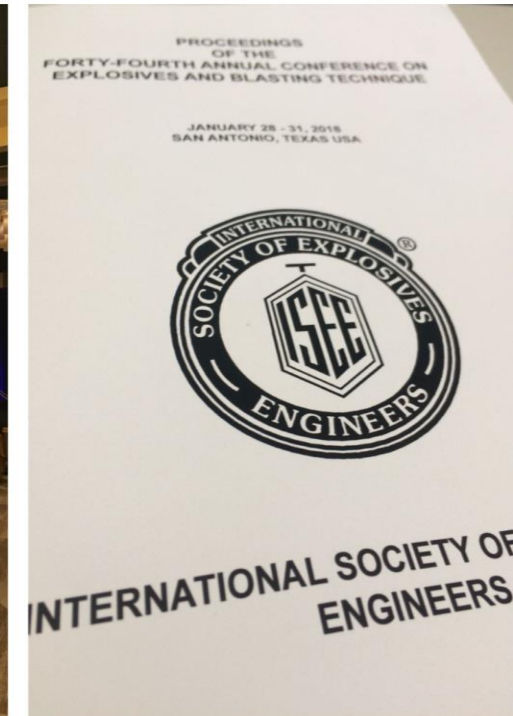
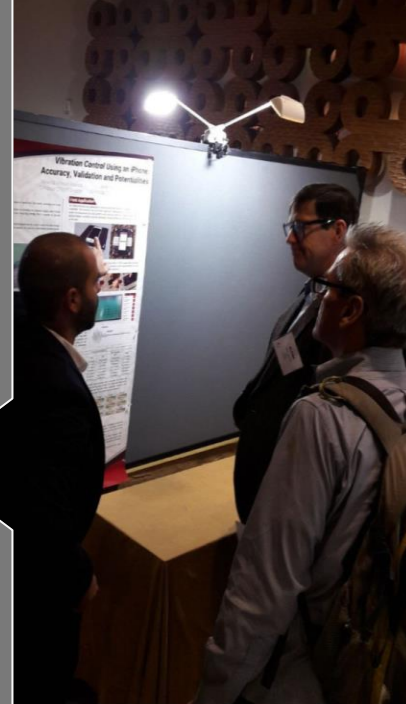
– 48th AP3E Detónica Newsletter - 2017 (Portugal) “Technology for blast design, control and blast optimization”



– 9th World Conference on Explosives and Blasting - 2018 “Blast Pattern Expansion - A Numerical Approach”

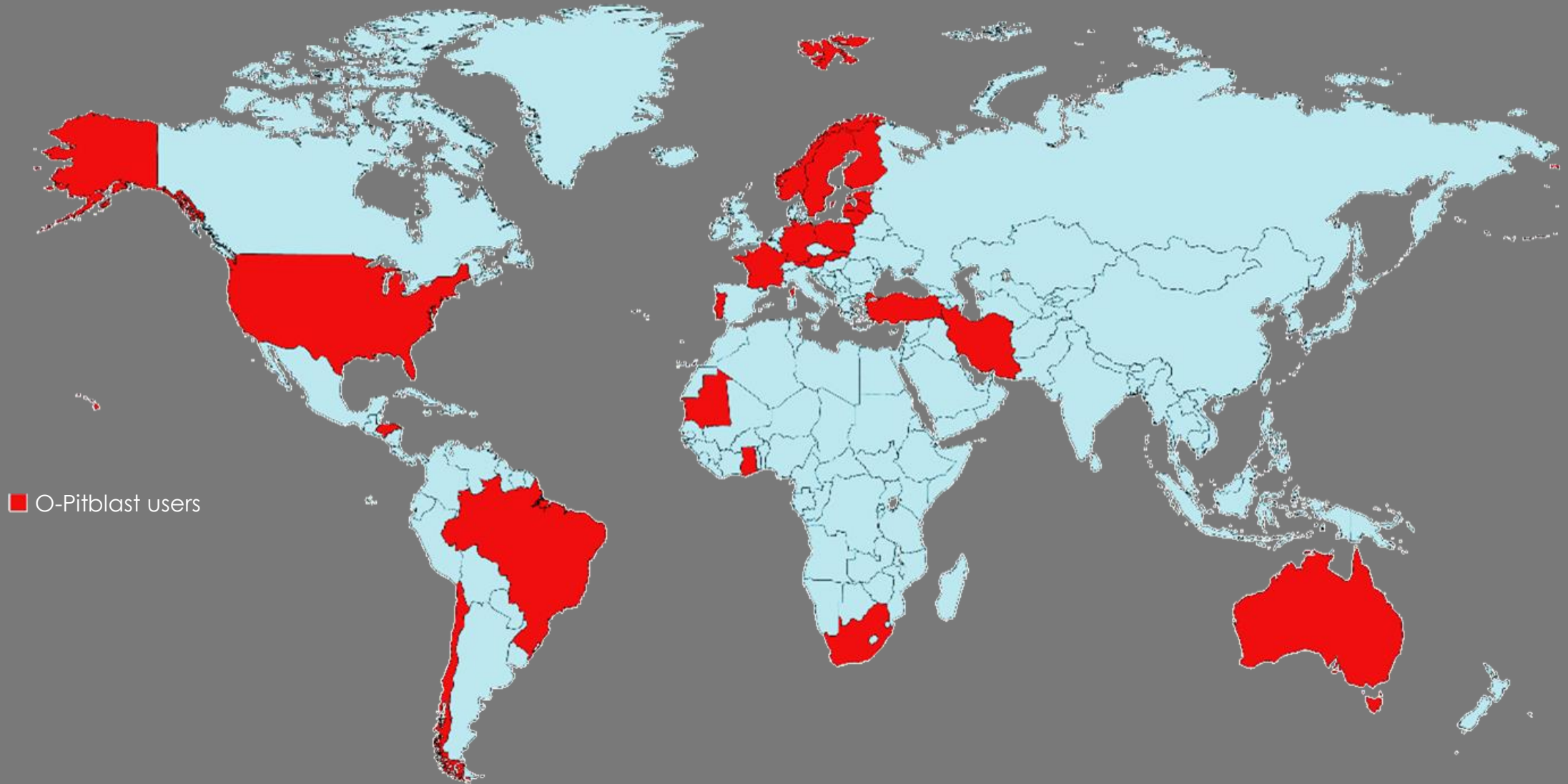


– 44rd Annual Conference on Explosives and Blasting Technique – 2018 (Texas, Estados Unidos) “Pattern Expansion Optimization Model based on fragmentation analysis with Drone Technology”





Countries using O-Pitblast



Clients and Partners





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