



**SAFEX International**



# **SAFEX Introduction Presentation**

**9 November 2016**

# FOUNDING STATEMENT



***"Establishing this Association is a humanitarian task, a moral and social mission and no effort undertaken for this purpose can be considered too great".***

Founders of SAFEX International, 1954

## *Founded by Company CEO's in 1953 - 9 Companies*

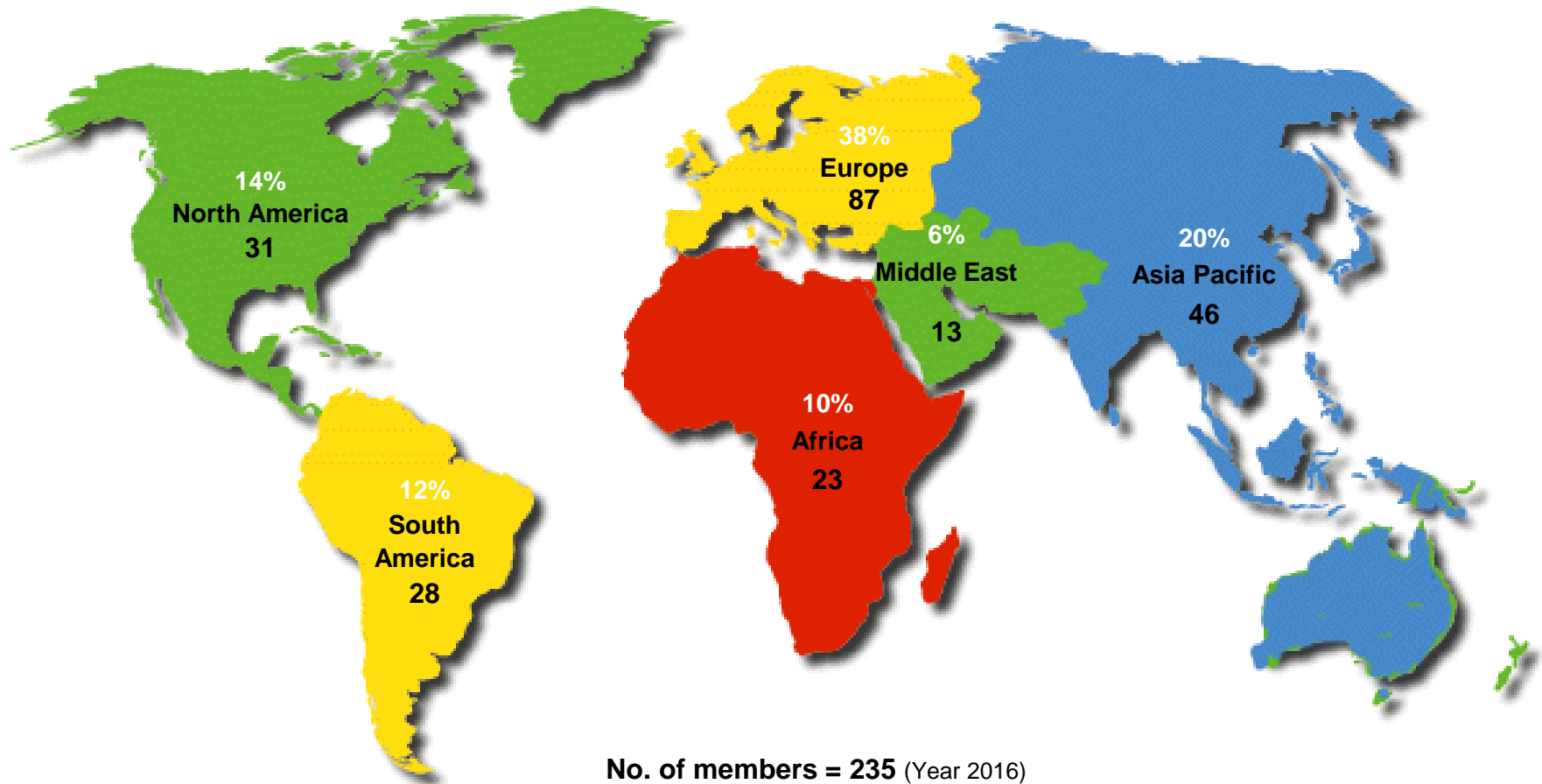
- Schweizerische Sprengstoff Fabrik –Chair and Secretariat
- Wasag Chemie-Germany
- AG Dynamit Nobel -Austria
- Dinamite S.P.A-Italy
- Explosivos S.A- Peru
- Explosives Industries- Israel
- Kamnik-Yugoslavia
- ICI -Scotland
- Dottikon- Switzerland
- Membership grew to 28 Companies in 1960

# MEMBERSHIP 2016



• <b>Company Members</b>	<b>73</b>	
• <b>Group Members</b>		
– Austin Powder	9	
– Chemring	18	
– Dyno Nobel	4	
– Groupe EPC	18	
– Maxam	38	
– Orica	72	
– SNPE	6	
– EURENCO	5	
– AZOT	11	
<b>TOTAL Group Subsidiaries</b>	<b><u>181</u></b>	
• <b>TOTAL</b>		<b>254</b>

# WHERE ARE OUR MEMBERS – our Reach?



# THE QUESTION?



**What do explosives manufacturers fear most?**



9 November 2016

# SAFEX's PURPOSE – What we want to do



Eliminate the harmful effects of explosives on People, Property and the Planet (Environment) by encouraging Members to learn from each other's experiences.



# SAFEX's DOMAIN – Which incidents?



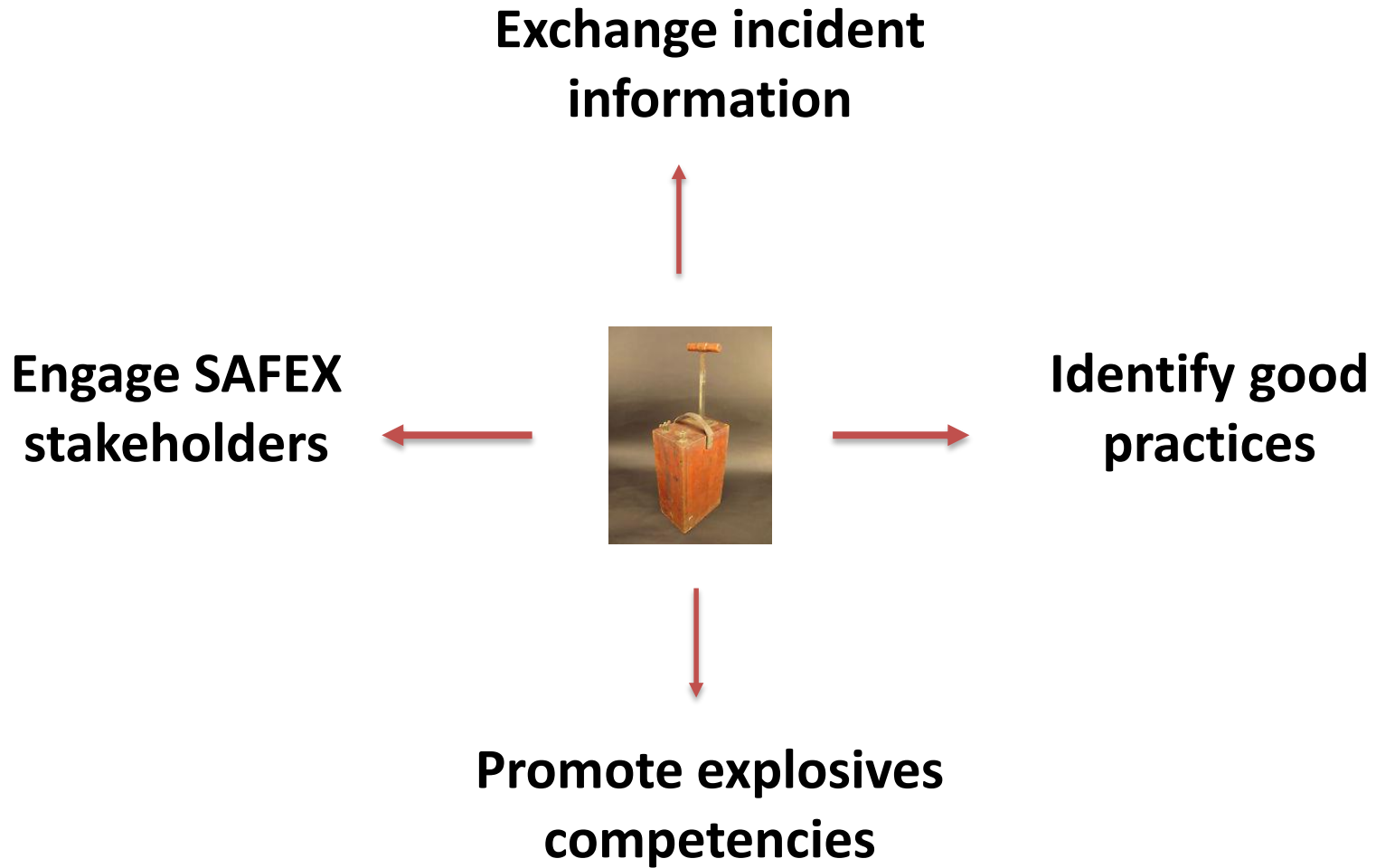
Health, Safety, Security and Environmental (HSSE) incidents  
involving explosives

# BOARD MEMBERS



- **John Rathbun – Chairman – Austin Powder International**
- **Claude Modoux-Treasurer-Negotrade SA**
- **Andy Begg-EXSA Consulting**
- **Noel Hsu- ORICA**
- **Enrique Barrancua-MAXAM**
- **Thierry Rouse-EPC France**
- **Alexander Chernolovskiy-AZOT**
- **Edmundo Jiminez-ENAEX**
- **Terry Bridgewater-Chemring UK**
- **Rahul Guha- Solar India**
- **Colin Wilson –AELms**
- **Steve Dawson-Dyno**

# THE SAFEX WAY – Main activities



## Work Groups

- AN Storage
- AN Transport
- Remediation GPG's
- Emulsion Pumping

## eLearning

- Basis of Safety
  - English
  - Spanish
  - Russian
- Incident Investigation and Reporting

## TRAINING

- Incident Investigation and Reporting



The Congress ,Training Session and Work  
Groups

will be held at the

**SCANDIC GRAND MARINA  
HOTEL**

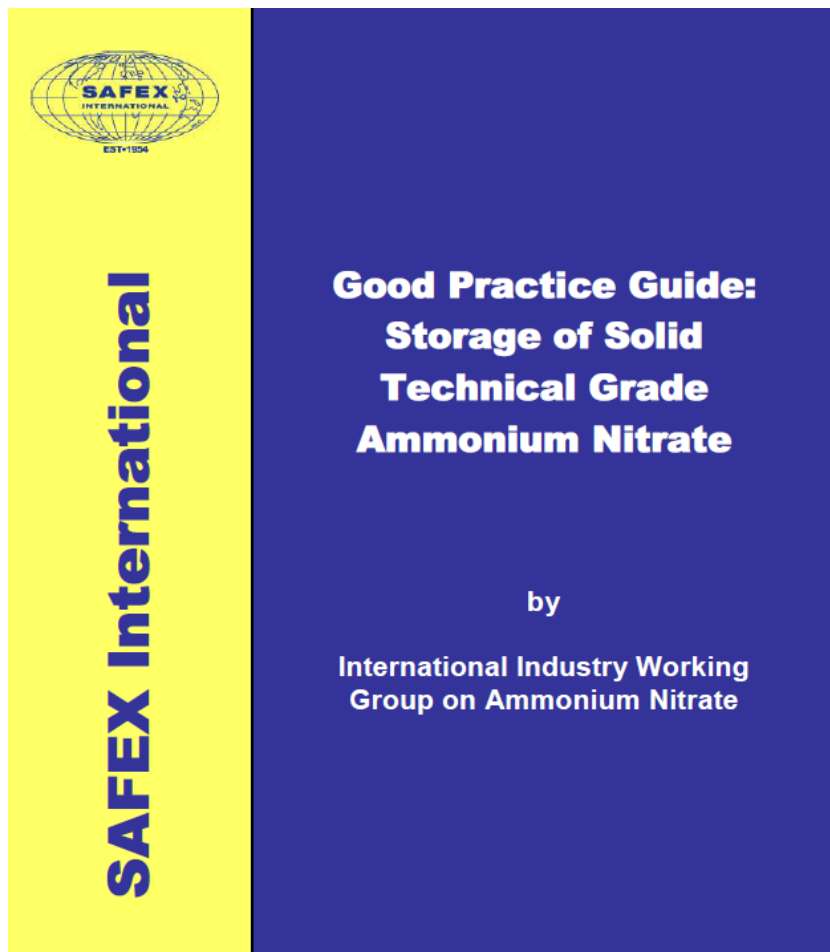
**15-20 May 2017**

**in Helsinki, Finland.**

# CONGRESS 2016



DATE	ACTIVITY	CONCURRENT ACTIVITY
Sunday, 14 May	Registration - Training	
Monday, 15 May	Registration - Training Training Session	
Tuesday, 16 May	Training Session Registration – Workgroups	
Wednesday, 17 May	Registration - Workgroups Workgroup Sessions Registration - Congress Welcome Reception	FEEM AGM
Thursday, 18 May	Registration - Congress Plenary Sessions – Open Day Chairman’s Programme Board Meeting	Spouses’ Programme
Friday, 19 May	Plenary Sessions – Closed Day General Assembly of Members Gala Dinner	Spouses’ Programme
Saturday, 20 May	Congress Excursion	



# SAFEX 's SUCCESS DEPENDS ON . . .



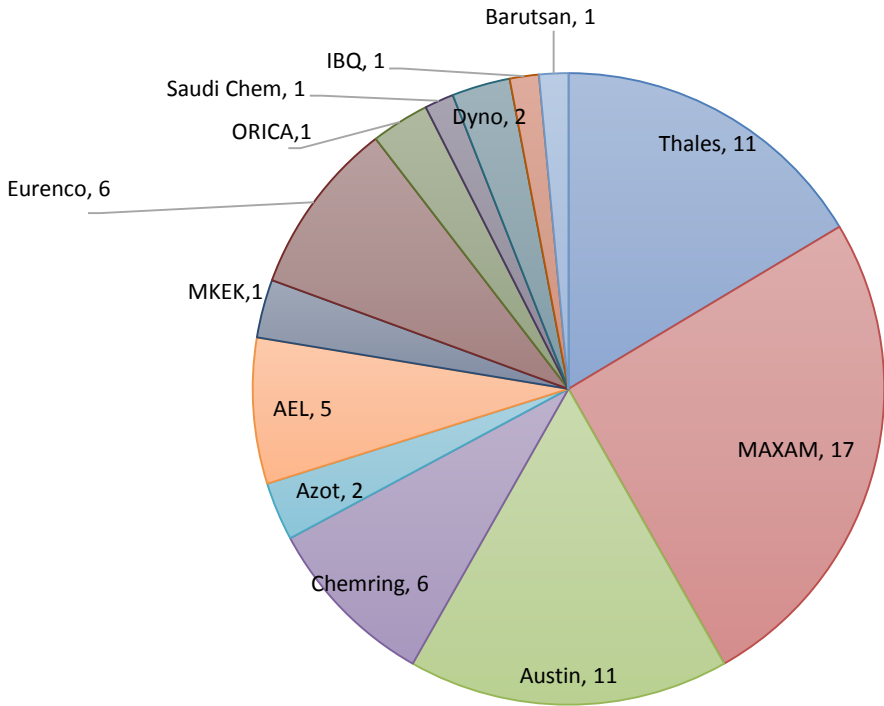
- **Members** that
  - Investigate incidents effectively
  - Contribute experiences readily
  - Provide quality information
  - Implement learning scrupulously
  - Participate actively in events
- **Contacts** that perform their role conscientiously
- **CEO's** active support
- Broad **global membership**
- Professional **Leadership and Administration**



# INCIDENT NOTIFICATION STATS PER COMPANY



Incidents Notified per Member Company 2012 till 2016



# INCIDENTS REPORTED YEAR TO DATE



- IN01-16 - AELMS, HMX/Aluminium Powder Explosion
- IN02-16 - MAXAM, Propellant Deflagration
- IN03-16 - Kilgore Flares, Propellant Deflagration
- IN04-16 -AZOT, HMX/Aluminium Powder Deflagration
- IN05-16 -Chemring, Propellant Deflagration
- IN06-16 -Storm Damage PETN Plant
- IN07-16 -Detonator Explosion
- IN08-16 -Caps Explosion during Destruction
- IN09-16 -RDX Explosion in Australia.
- IN10-16 -A Gear Pump Explosion in Chile.
- IN11-16 -Plant Explosion,Chile**

# SAFEX THE FUTURE



- SAFEX needs visible CEO support
- SAFEX needs the industry leaders to carry the safety banner
- SAFEX needs more proactive reporting
- SAFEX can assist in corporate memory
- SAFEX is more relevant today than founding fathers anticipated
  - **Where do you stand?**
  - **What contribution can you make?**
  - **How do you see the way forward**
  - **How can you prioritise reporting?**

# INCIDENT PREVENTION



**REMEMBER AN INCIDENT HOWEVER SMALL,  
ENCOUNTERED BY ANY COMPANY,  
IMPACTS ON THE WHOLE INDUSTRY**