

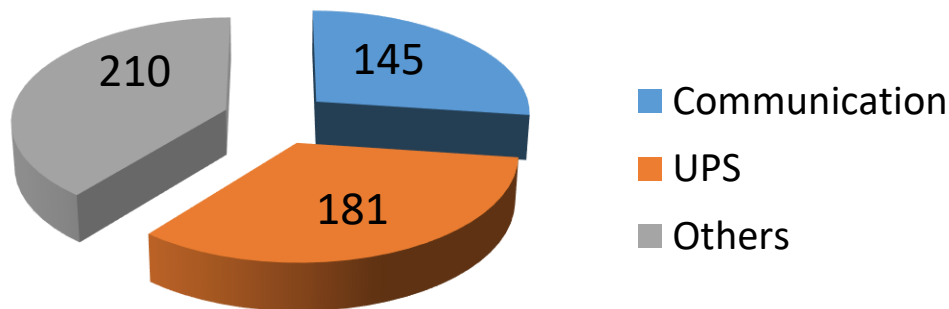
# Industrial Batteries Committee

*Battery Market Outlook – update June 2017*

# Results IBC Internal surveys 2016 (in M€ - member data only)

## 1. Stand-by Lead battery Market – Total EMEA: 536 M€

83% Sealed – 17% Flooded



### Double digit market increase 2015-2016:

- Double digit Growth in both technologies; Sealed and vented
- Major contributor: AC UPS markets

## 2. Non-lead batteries - Total EMEA in M€

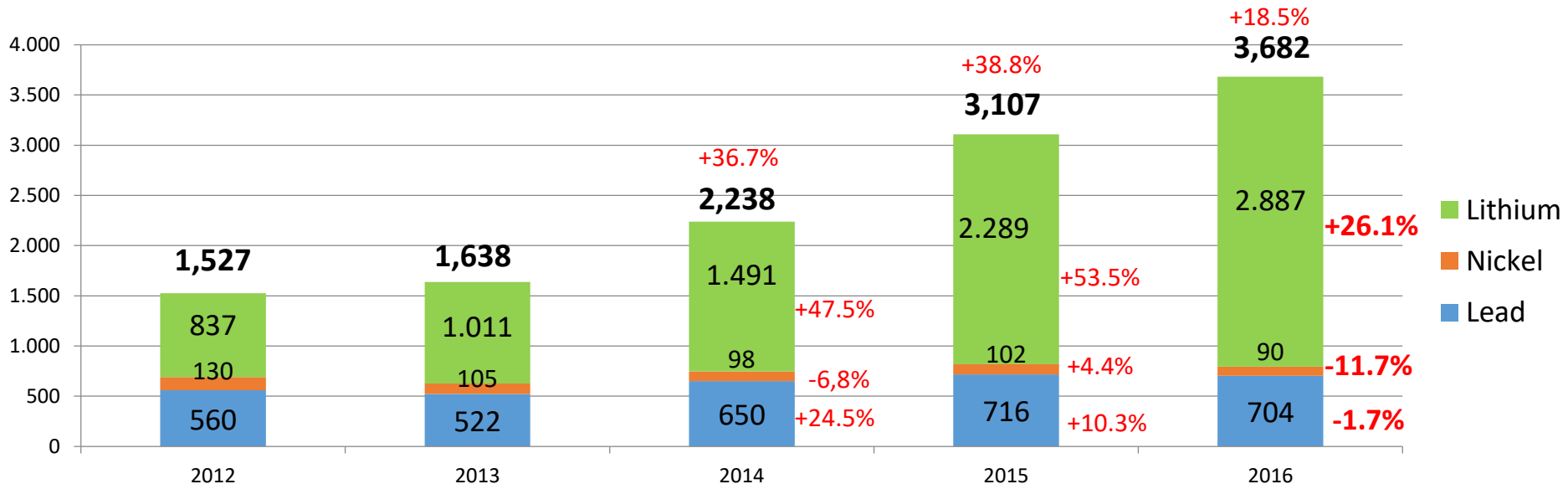
Nickel, Sodium, Lithium

Total EMEA: Motive and stand-by (including energy storage): 176 M€ Trend 2015-2016: **-11% 2**

## 3. Motive Power battery Markets

We need more participating members to allow for publication of results in compliance with legal advice  
 → Call for additional candidates to participate to EUROBAT internal IBC surveys

# Evolution of Battery Imports Into EU 28 (in M€)



## Lead batteries

- Top 5 countries: China, US, Vietnam, India, S-Korea
- Double digit growth stopped in 2016 due to China (-12%)
- Vietnam, India, S-Korea: filling the gap of China

## NiCd batteries

- Two major countries: China and US
- Growth rate stopped in 2016 due to China (-18%)
- No significant increase from other countries to fill the gap

## Li-Ion batteries

- Top countries in 2016: China (823M) & S-Korea (788M), followed by US (474M) and Japan (457M),
- Continuation of the double digit growth: all countries contributing, S-Korea with +52%
- European Battery manufacturers not benefiting of the EU market increase