

The Bureau for Analysis of Industrial Risks and Pollutions (**BARPI**) of the French Ministry for an ecological and inclusive transition has the pleasure to release its 11<sup>th</sup> English newsletter. This newsletter aiming at sharing experience feedback on technological accidents is published twice a year. **Do not hesitate to forward this message** to any person you think might be interested.

Registration is free at the following address: <http://www.aria.developpement-durable.gouv.fr/newsletter>

## 13<sup>th</sup> IMPEL seminar “Lessons learnt from industrial accidents”



Once every 2 years, the French Ministry for an ecological and inclusive transition organises, on the behalf of the IMPEL network, a seminar on Lessons Learnt from Industrial Accidents. The last edition took place on 22 and 23 May 2019 in Rennes. Around 300 participants, environment inspectors for the greater part, including 43 Europeans colleagues representing 20 countries, discussed recent accidents. The objective of these days is to share and disseminate the lessons learned from the analysis of significant accidents.

This, in order to collectively progress in controlling risks by learning from the diversity of available feedback. The [seminar documents](#) are available on-line. We look forward to welcoming more European inspectors for the next edition in 2021!

## Flash ARIA - How to grow methanization activity without increasing the risk?



Methanization is one of the key technologies of the circular economy and green growth. This activity is expanding with 80 additional facilities. The production of bio-methane injected into natural gas networks doubled in 2017. However, ongoing vigilance is vital. As accident studies have shown us, the risks related to this new process are often misjudged.

[Read more](#)

## Flash ARIA - Forklift trucks: Beware risky manoeuvres



Forklift trucks are a commonly-used form of mechanical handling equipment. They make it possible to handle pallets containing products that may be toxic, flammable or explosive. However, mismanaged manoeuvres have serious consequences: pollution, contamination, fire, explosions of a forklift's fuel tank or its battery, or gas poisoning in cases where propane-powered forklifts are used. This Flash highlights 4 industrial accidents that occurred due to the misuse of a forklift truck.

[Read more](#)

## Synthesis - Misaligned circuits: a risk to be eradicated!



The transfer of fluids is a common industrial operation, however, the incorrect positioning of circuits during these operations, or bad alignment, is the cause of numerous accidents. This study is based on 372 events recorded in the ARIA database. In operating these facilities, what lessons can be learned from the accident studies and how can accidents be avoided?

[Read more](#)

## Accident report - Loss of control of an exothermic chemical reaction

### ARIA 51220 - 19/09/2017 - ARAMON (30)



During the manufacturing of an organomagnesium compound, a substance used by the pharmaceutical industry, a non-conforming mixture was formed in a reactor. It was cooled in order to control the reaction, but the reaction intensified after several days, causing the reactor's rupture disc to explode. The series of technical and organisational errors that led to this incident caused the operator to look closely into these highly sensitive exothermic reactions.

[Read more](#)

## MAHB - Lessons learned bulletin



The Major Accident Hazards Bureau (MAHB) of the Institute for the Protection and Security of the Citizen of the European Commission issued a "Lessons Learned Bulletin" for chemical accident prevention and preparedness, whose aim is to provide insights on lessons learnt from accidents reported in the European Major Accident Reporting System (eMARS). The theme of this 13<sup>th</sup> issue is Learning from incidents involving liquefied natural gas on fixed sites.

ARIA Website: <http://www.aria.developpement-durable.gouv.fr/?lang=en>

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