

The Bureau for Analysis of Industrial Risks and Pollutions (**BARPI**) of the French Ministry for an ecological and solidary transition has the pleasure to release its seventh English newsletter. This newsletter aiming at experience feedback on technological accidents come out 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>

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



Once every 2 years, the French Ministry for an ecological and solidary transition organises, on the behalf of the IMPEL network, a seminar on Lessons Learnt from Industrial Accidents. The last edition took place on 31 May and 1 June 2017 in Lyon. Around 300 participants, inspectors of the environment for the greater part, including nearly 50 Europeans colleagues representing 23 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. [Seminar documents](#) are available on-line. We look forward welcoming European inspectors for the next edition in 2019!

## The BARPI's new website has arrived!



Still entirely bilingual, and now perfectly compatible with tablet computers and smartphones thanks to its modernised design, the website gets equipped with new functionalities to answer even better to the needs of its users. Access to the information and data exploitation are made easier thanks to an entirely revamped search engine, which is now more powerful and accurate. Advanced functionalities (searches storing, results export under spreadsheet format, subscription to notifications...) are also proposed to the users wishing to customise their navigation on the website.

To access to the website's homepage, [click here](#)

For a summary of the website's major new functionalities, [click here](#)

## Synthesis - Hydro-mechanical devices and command-control systems of dams



Since 2010, information collected on dam-related events has been recorded in the ARIA base. By the end of 2015, a total of 228 events had been entered into the database. This summary, written jointly by the BARPI and BETCGB agencies, presents the primary lessons resulting from their analysis. The summary focusses in particular on experience feedback regarding hydro-mechanical devices and command-control systems.

[Read more](#)

## Flash ARIA - Ageing: anticipating for a better risk management



Ageing of industrial installations is a normal and well-known phenomenon. However, it deserves to be properly managed! Conception or construction defaults, insufficient maintenance are some of the several factors that can contribute to an uncontrolled acceleration of ageing... and that continue to lead to accidents with sometimes heavy consequences. As far as ageing is concerned, anticipation remains the key word! This flash offers an overview of the main degradation mechanisms and some lessons learnt from accidents.

[Read more](#)

## Accident Report - Hydrogen tank explosion in a chemical plant

### ARIA 437 - 01/10/1988 - SAINT-FONS (69)



A 3,000-liter bottle tank filled with hydrogen at over 100 bar explodes around 6 am on a chemical site. An orange-red ball of light, very bright and with a diameter of 15 to 20 m is formed. Windows breaks within a radius of 500 m are also observed. Metallurgical problem of steel, corrosion, recycling of old pressure equipment in a new process constitute the causal chain of the accident.

[Read more](#)

## MAHB Lessons Learnt Bulletin



The Major Hazard 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 learned from accidents reported in the European Major Accident Reporting System (eMARS) and other accident sources. The theme of this 10<sup>th</sup> issue is "Learning from emergency response-evacuation and sheltering".

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

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