

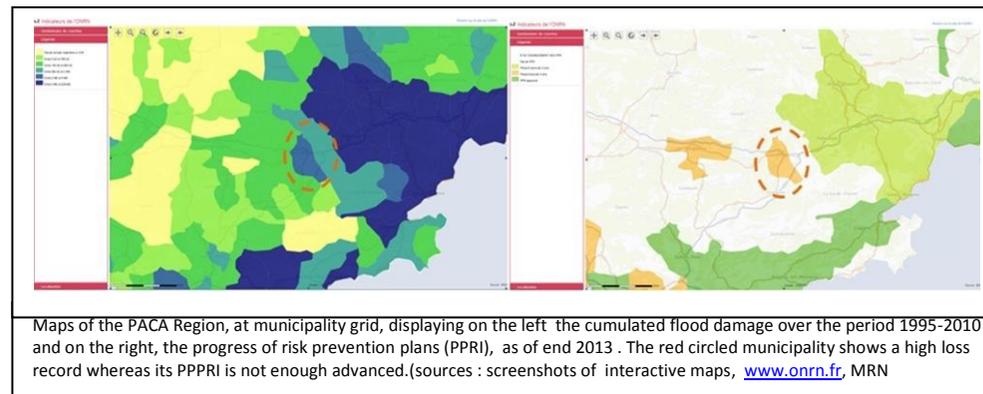
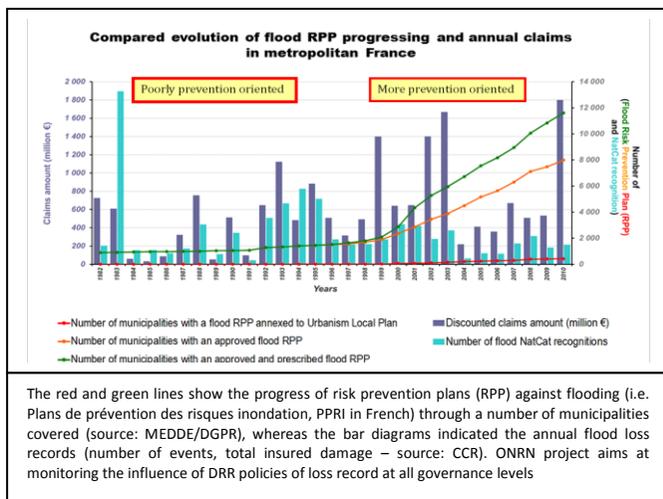
## UNISDR Scientific and Technical Advisory Group Case Studies - 2015 A national Public Private Partnership (PPP) platform for risk data sharing to stimulate DRR participative governance in France

### The problem

Devastating natural disasters in 2010 prompted France to better coordinate and monitor its DRR policies and improve its monitoring. The result is the National Observatory for Natural Risks (ONRN)<sup>1</sup>, a national PPP agreement operating as an open source data platform for sharing the country's DRR information and knowledge. Users can download standard indicators, many of them based on highly localized data. This integrated knowledge management platform can assist in DRR decision making and monitoring, for better DRR awareness raising, capacity building as well as participative governance at national and local levels. ONRN anticipates HFA requirements. It meets HFA global goals and outcomes expressed in quantitative data. It is consistent with European commission recommendations<sup>2</sup>.

### The science

HFA priorities for action included: priorities for action to: 1) Ensure that disaster risk reduction is a national and a local priority with a strong institutional basis for implementation; 2) Identify, assess, and monitor disaster risks and enhance early warning; 3) Use knowledge, innovation, and education to build a culture of safety and resilience at all levels; 4) Reduce the underlying risk factors; 5) Strengthen disaster preparedness. In line with these, there is an international trend to promote information and knowledge management for DRR, allowing that "relevant information is available and accessible at all level, to all stakeholders, through networks, development of information sharing systems"<sup>3</sup>. The ONRN platform provides a place where stakeholders can find data on natural risks and indicators to contribute towards achieving these aims and reducing exposure to hazards and vulnerability to disasters. Moreover, according to "Adaptive management focuses on learning and adapting through partnerships of managers, scientists and other stakeholders who learn together how to create and to maintain sustainable ecosystems"



### The application to policy and practice

The ONRN platform provides a place where stakeholders can find data on natural risks and indicators towards reducing vulnerability. Information and knowledge sharing process takes notably the form of a number of ONRN user groups focusing on risk management issues on a specific geographical area or theme. Indeed, the ONRN portal has access to the relevant data released by more than 100 institutions, including regional observatories. As a specific added value, the ONRN platform gives open access to 26 core indicators on exposure, losses and situation of prevention policies, derived from the founding partner's databases (on flood, windstorm and subsidence). Most of the indicators reach the municipal scale. Relying on both contributions, ONRN allows local stakeholders access to information on damage costs and risk assessment at the local scale.

### Did it make a difference?

ONRN has enabled the identification of, for instance, those municipalities with a high exposure and/or loss record (frequent events in this case) where risk prevention policy procedures are not yet implemented, for stakeholders to debate on the pending situation in participative governance for a and to conclude on priorities for public resource allocation to DRR (see example on maps). ONRN is now in a process of developing project partnerships with regional observatories, to test further the local use of indicators, as well as to develop lessons learnt, event data bases, etc. It contributes in a holistic manner to the implementation and follow up, at every governance level in the country, of HFA priorities, favouring data sharing, scientific and technical development and supporting DRR policies. It is already a "pre-HFA2" demonstrator, already in large scale PPP operation at a country level. Providing metrics at country level to be able to monitor the achievement of quantitative targets for DRR, it covers the backbone of HFA2 implementation. ONRN site provides metrics freely accessible on-line at country level. This site has a strong potential for covering the backbone of HFA2 implementation. This is also why partnerships with regional observatories such as ORRN PACA are today under development. They reach the local stakeholders level with such sites as "moi citoyen"

Such information can be used as a support for discussing further how to live with risks and relevant uncertainties, at the local scale, implying local authorities, landowners or citizens. Methodologies behind the indicators are given, with their limitations. It should help increasing the confidence level in DRR policies. Due to the high NatCat insurance penetration rate all over the country to be able to use insured losses as an indicator of economic losses, through the original PPP arrangement, promoted at high political level, through the wide range of deliveries so far, ONRN platform was recognised as one of the most advanced country projects in a recent EU Commission DGs ECHO / JRC report aiming at exchanging good practices on Loss Data recording<sup>4</sup>, but also in comparing with previous relevant STAG Case Studies<sup>5,6</sup>

### Reference

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