*Bologna, 26/01/2011*

# *Kick-off meeting Endnotes*

Each Research Unit is divided into several Working Groups that are responsible for specific task/deliverables. In particular, we have:

- **WG1** (**J. Selva**, …) for Bayesian fragility curves, Vulnerability and Risk assessment
- **WG2** (**L. Faenza**, …) PSHA
- **WG3** (**L. Sandri**, …) PVHA
- **WG4** (**A. Grezio**, …) PTHA
- **WG5** (**R. Tonini**, …) Software and Website

The overall structure of RUs and WGs can be found in *Fig. 1*. The division of the project's deliverables can be found in *Fig. 2-6*. Each WG is responsible in updating the WG webpage with Publications and Reports.

In the following, we report the main points raised during the meeting concerning the work of each WG.

***WG1:***

- definition of base grid (few meters) all over the Napoli municipality
- definition of 2/3 target areas
- evaluation of risk will be
    - n. of damaged buildings and monetary cost (direct damages, stable exposure)
    - n. of homeless people (direct damages, variable exposure)
    - n. di expected dead (direct & undirect damages, variable exposure)
- we should start with dT=50 yr, then to go down to 10 and 5 yr
- list of F.C. and intensity measures (PGA, PGV, etc.) to be defined in collaboration with all WGs

***WG2:***

- 2/3 source models to be defined (Cornel, ...)
- model of attenuation (how many?)

- model for site effects (waiting for Angela di Ruocco to give possible microzonation study)
- volcanic areas treated separately (C.F., Vesuvio, Ischia)
- probability map for shallow offshore earthquakes as input for WG4

***WG3:***

- model for pyr. flows to be defined
- probability map for pyroclastic flows as input for WG4

***WG4:***

- run-up is not enough, we need dyn. pressure or column height and velocity
- method to extend to inundation maps to be defined

***WG5:***

- fomatted html to be sent to WGs responsible
- base data to be orginized in MySQL
- interchange files (metafiles) fomat to be defined (xml, ...)
- keep separated vulnerability & hazard interaction (in software)

***DEADLINES:***

Several deadlines have been defined to organize and finalize the project's results for the first year. In particular, we have:

*March 2011 (month 4$^{th}$):*

(WG1) def. grid and target areas
(WG1) def. preliminary list of intensities
(WG5) def. html for WGs

*May 2011 (month 6$^{th}$):*

(WG5) website structure

*December 2011 (month 12$^{th}$):*

(WG2) shakemap atlas
(WG2) list of prior models
(WG1) draft of ByMuR (general model)
(WG5) draft of software
(WG1) list of Fragility Curves

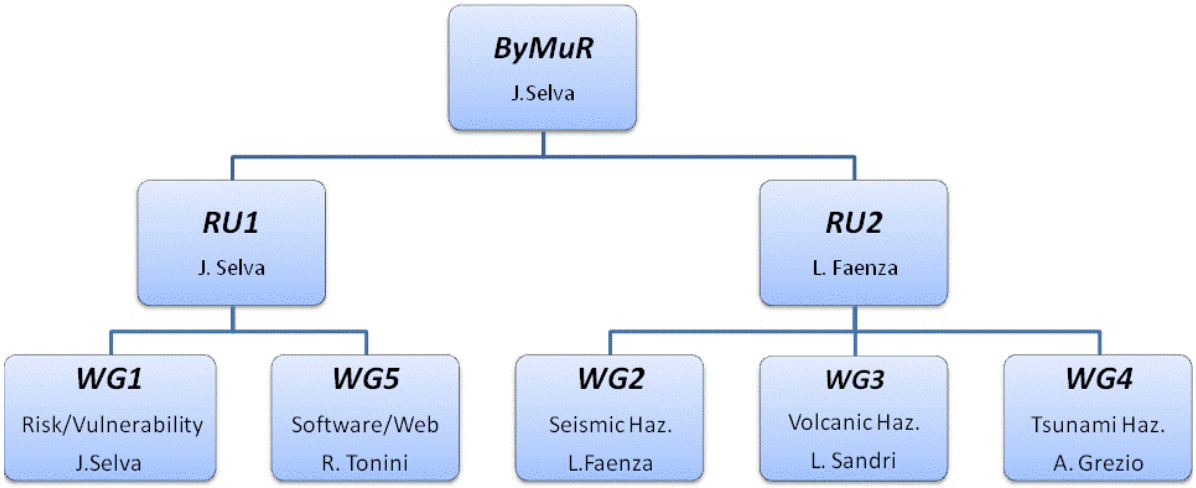


**Figure 1:** Overall structure of RUs and WGs

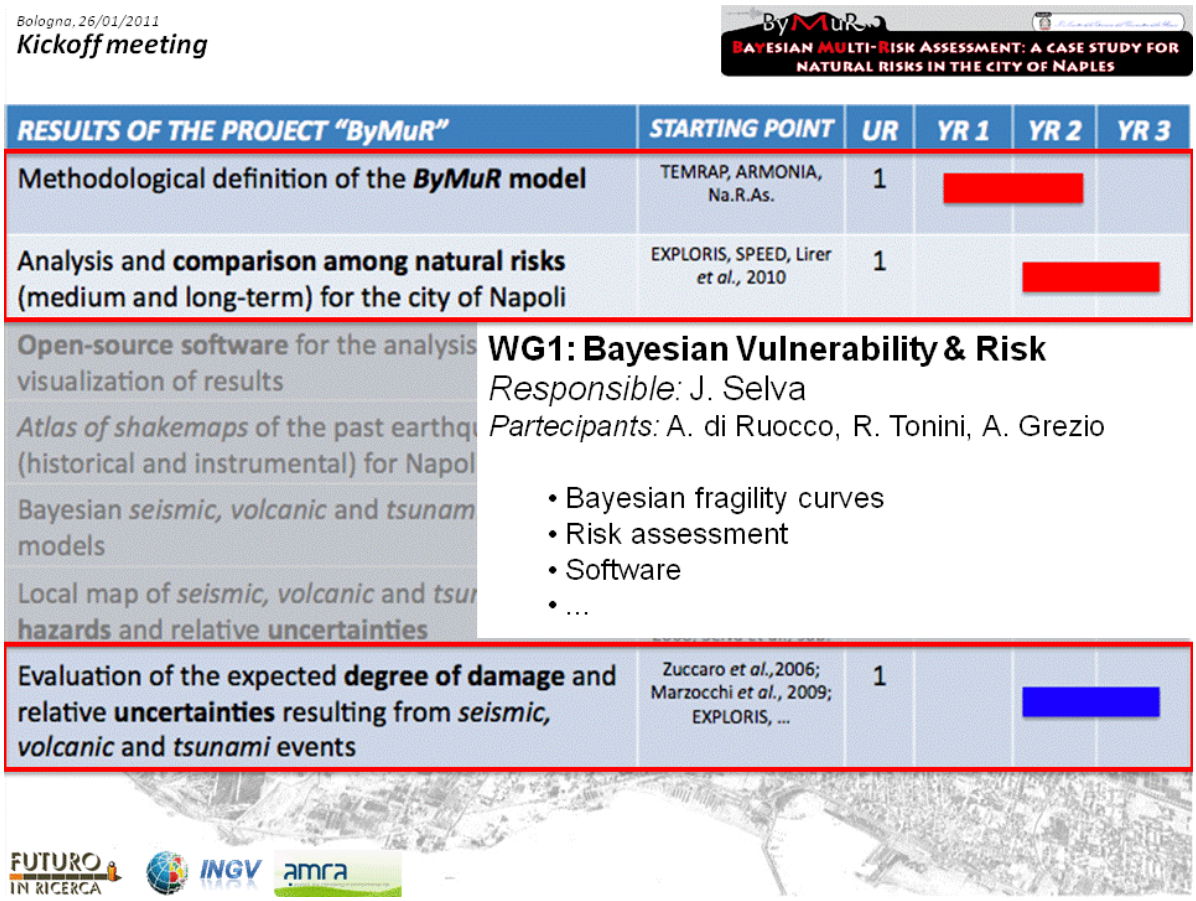


**Figure 2:** WG1 deliverables

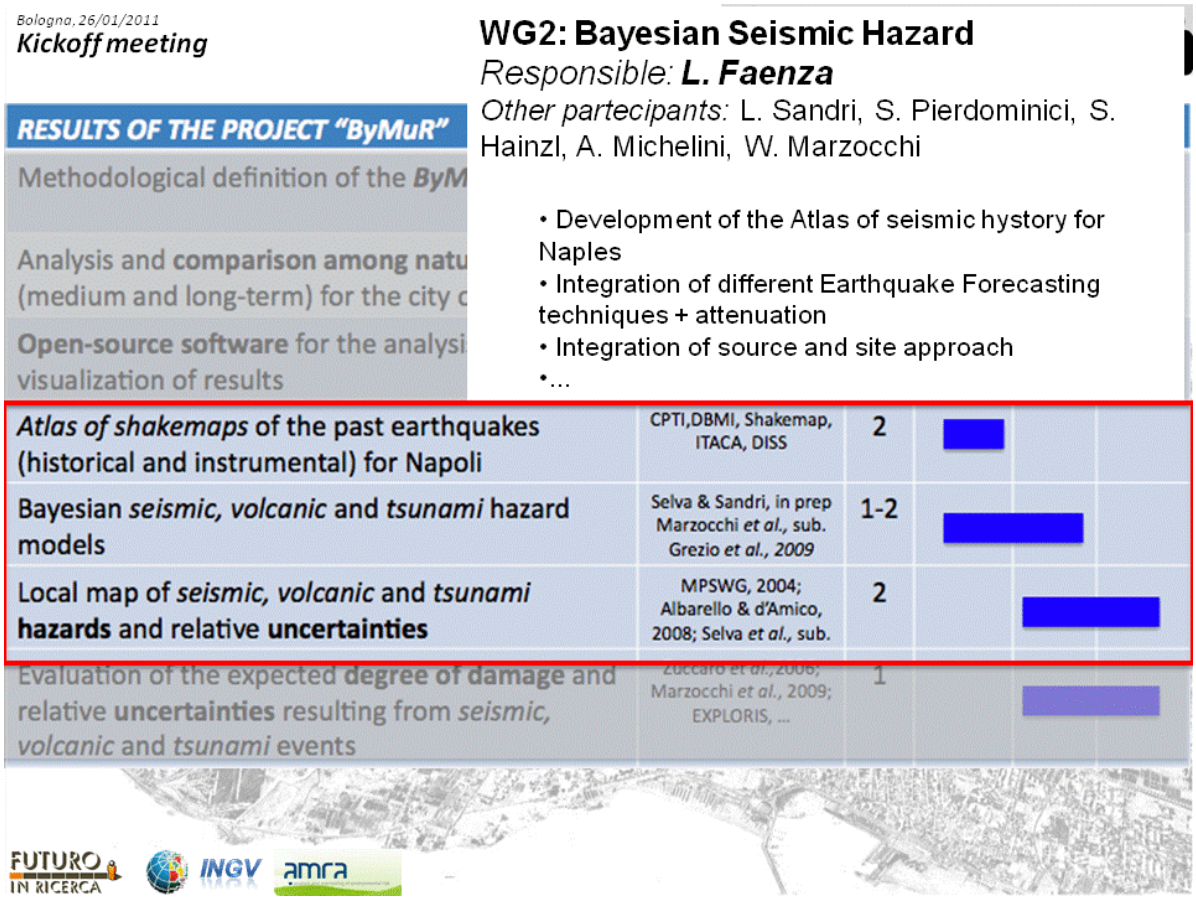


**Figure 3:** WG2 deliverables

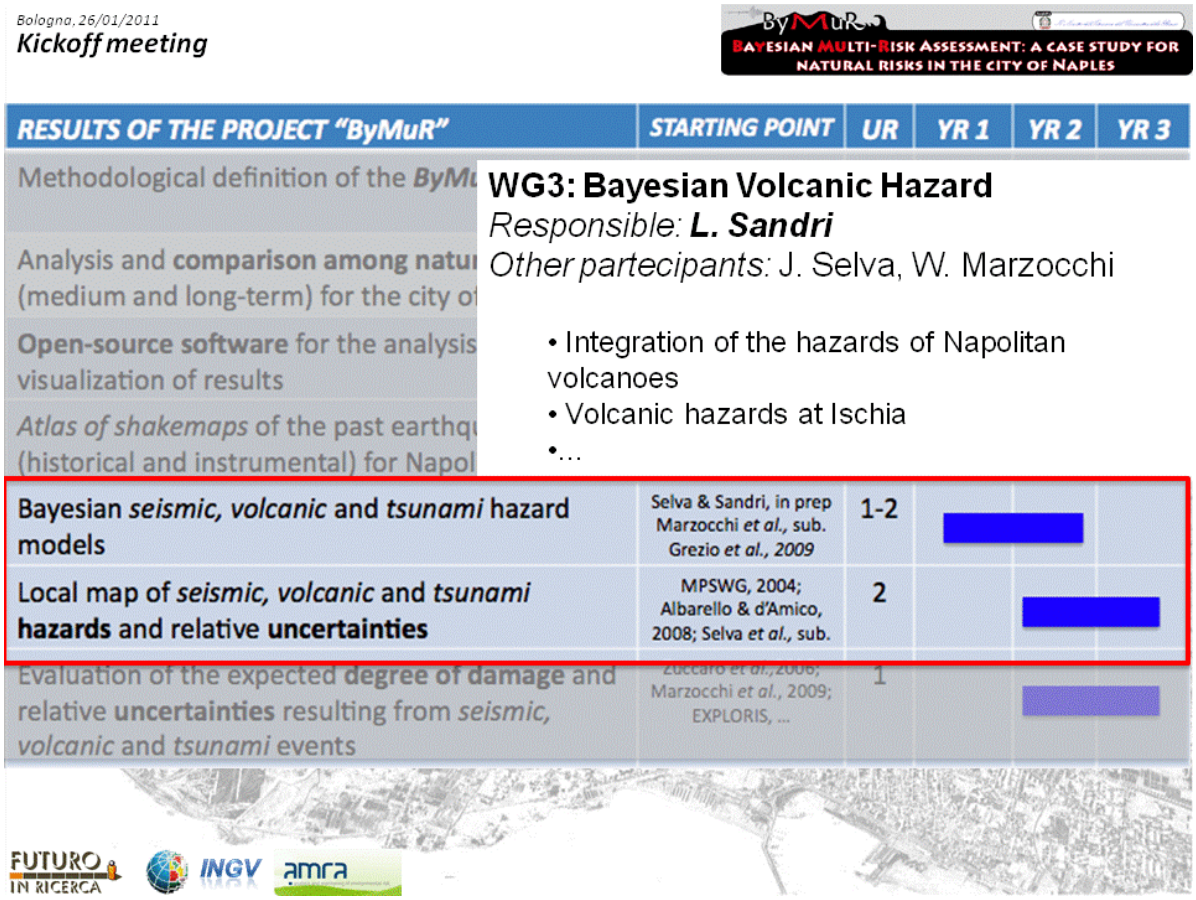


**Figure 4:** WG3 deliverables

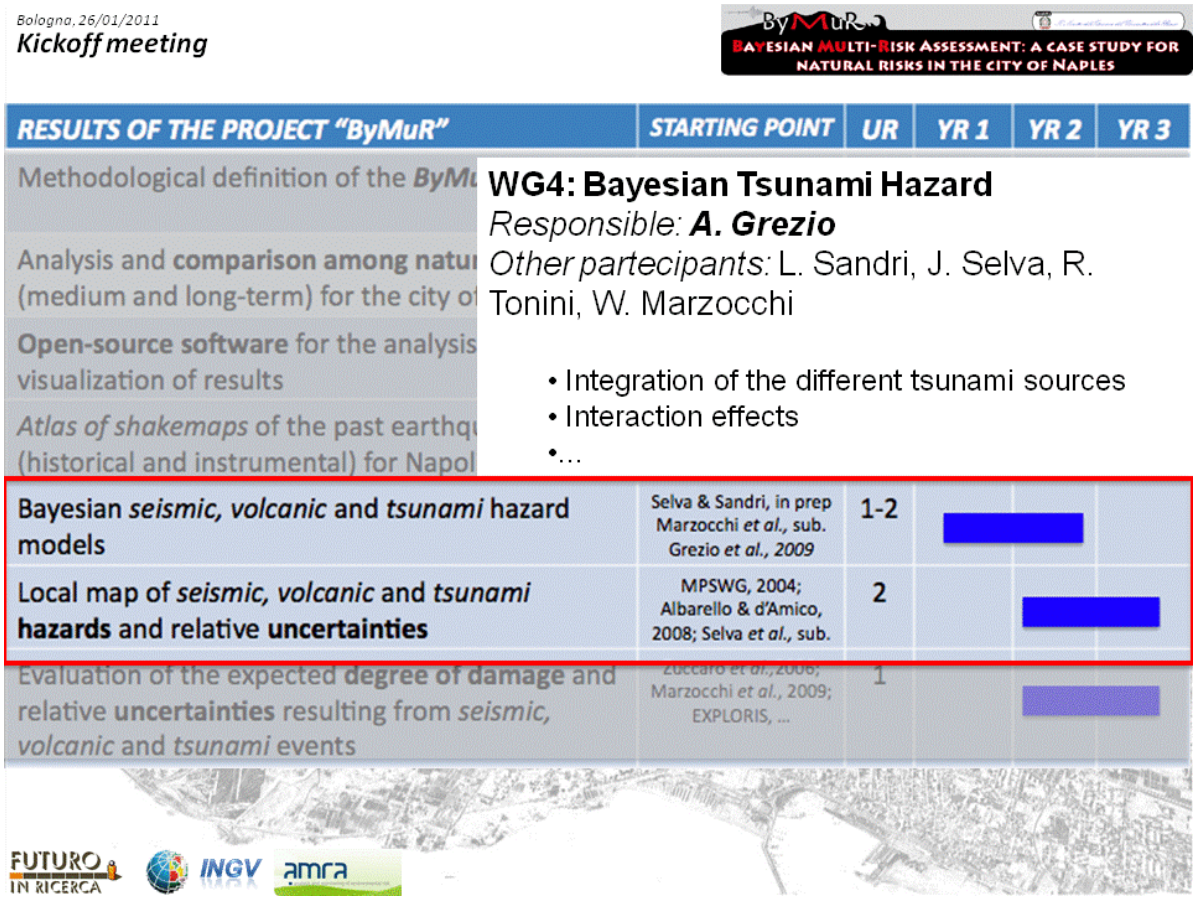


**Figure 5:** WG4 deliverables

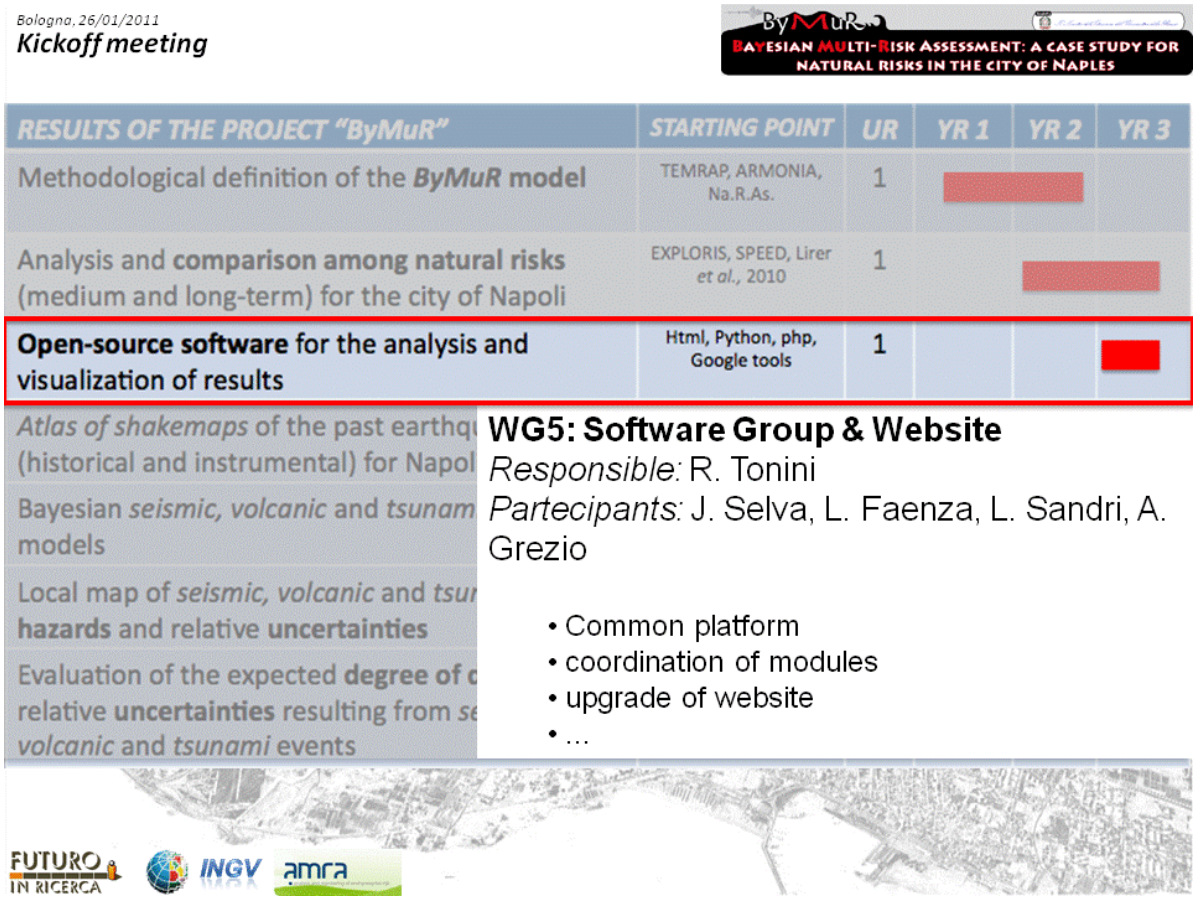


**Figure 6:** WG5 deliverables