Working plan.

Year	Objective		Activities
Year I	1	Unitary system approach and passive systems for earthquake isolation of bridges and viaducts	1. Identification of passive monitoring systems used in seismic isolation and antivibratorie of viaducts and bridges.
			2. Structural Analysis of Passive systems boundary of viaducts and bridges.
			3. Functional analysis of passive systems boundary of viaducts and bridges.
	2	Analysis of dynamic requests from the traffic and the seismic activity	1. Analysis of pulse parameters from the traffic demands.
			2. Analysis of dynamic requests parameters from seismic activity.
			3 Frecventiala analysis of claims arising from road traffic and the seismic activity, with ID-frequency .
			4. Partial results dissemination.
	3	Numerical and experimental testing of viscoelastic systems subjected to dynamic demands	1. Analysis of possible degradation that can happen due to various executive, manufacturing, altering parameters over time.
			2. Physical and mathematical modeling of viscoelastic systems.
			3. Vascoelastic systems experimental test in dynamic demands regimes.
			4. Partial results dissemination.
Year II	1	Theoretical researches of dynamic response of bridges and viaducts components to earthquaqes activities demands	1. Physical and mathematical modeling of an earthquaqe isolated bridge(viaduct) through vascoelastic and dry friction systems.
			2.Theoretical models numeric test of bridges in dynamic demands hypothesys
			3. Partial results dissemination.
	2	Experimental validation of the structural and dynamic laws for antivibration protection of passive nonlinear viscoelastic systems.	1. Experimental highlight of physical and geometrical nonlinearities for considered systems.
			2. Dynamic response experimental determination with chaotic moves analysis which is born from various laws at viscoelastic bonds degradation.
			3. Partial results dissemination.
	3	Development of a procedure to characterize and evaluate the eficiency and capability performances of passive natural and antropic hazard protection systems.	1. Dynamic response, equations models and hypotesys check for protection systems usual cases, in order to increase the specific performances.
			2. Develop a methodology for analysis, evaluation and characterization of systems of protection against natural hazards and anthropogenic.
			3. Methodology testing and validation.
			4. Final documentation elaboration. Publication of the results.