

SHAMISEN SINGS project

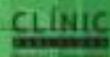
PI: Elisabeth Cardis (ISGlobal)

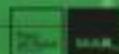
ISGlobal
Barcelona
Institute for
Global Health



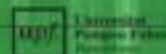
A partnership of:

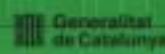
 "la Caixa" Foundation

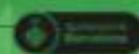
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KAPTEK

SHAMISEN SINGS project

SHAMISEN SINGS project (PI: Elisabeth Cardis)
SHAMISEN (**N**uclear **E**mergency **S**ituations - **I**mprovement of dosimetric, **M**edical **A**nd **H**ealth **S**urveillanc**e**) - **S**takeholder **I**nvolvement in **G**enerating **S**cience (SINGS)

Web: <http://radiation.isglobal.org/index.php/en/shamisen-sings-home>





PARTNERS



CEPN

ISGlobal
Barcelona
Institute for
Global Health



IRSN
INSTITUT
DE RADIOPROTECTION
ET DE SÛRETÉ NUCLÉAIRE



UAB
Universitat Autònoma de Barcelona

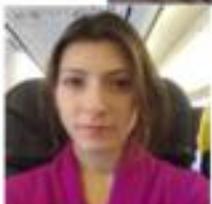
PARTNERS and EXPERTS of the project SHAMISEN SINGS



URB



ISGlobal
Barcelona
Institute for
Global Health



FUKUSHIMA
MEDICAL
UNIVERSITY



Norwegian University
of Life Sciences



IRSN



CEPR



SHAMISEN
SINGS
Stakeholder Involvement
in Generating Science
After Nuclear Emergencies



NSICM

SHAMISEN SINGS GOALS

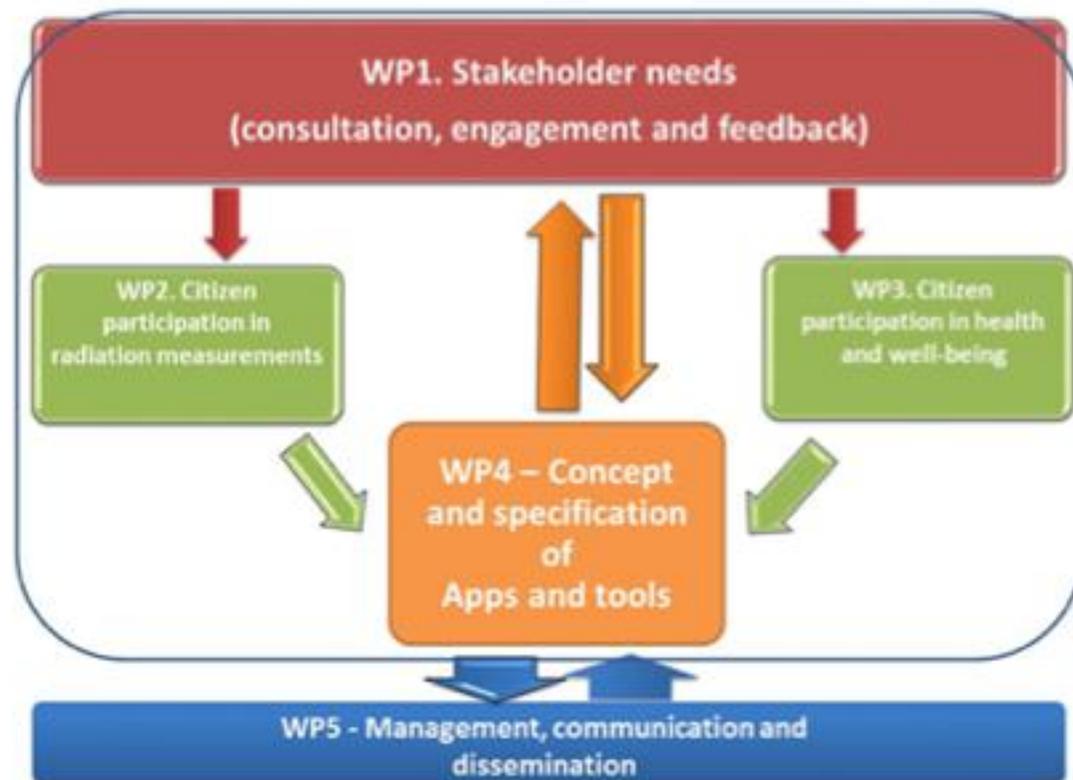
The general goal of SHAMISEN SINGS is **enhancing Citizen Participation in the aftermath of a radiation accident** through the collection of data on *dose measurements* and on *health and well-being* indicators.

Specific objectives:

- Interact with stakeholders** (including citizens and experts) to assess their needs and interest in contributing to global dosimetry and health measurements.
- Review existing APPs** related to: 1) citizen-based dose measurements & 2) for health monitoring (including social and psychological issues of a radiation accident).
- Assess ethical challenges** and implications of both the APPs and citizen science activities by co-reflection between natural and social scientists, public, authorities and other stakeholders.

GENERAL STRUCTURE

The project's structure:



WP1 objectives

WP1. Stakeholder needs (consultation, engagement and feedback on proposals)

Lead: ISGlobal, **Partners:** WIV-ISP, NMBU, CEPN, ISS, IRSN, **Experts:** V. Chumak (Ukraine), Ph. Pirard (France), N. Novikava (Belarus)

Objective:

- to engage stakeholders (representatives of local populations, teachers, medical personnel, authorities) to identify their needs (immediate and long-term phases of an accident), and
- propose a tool (or framework for a tool) using new information technologies.



WP 2 – Citizen participation in radiation measurements

Lead: ISS; Partners FMU, IRSN, UAB, ISGlobal; Expert: V. Chumak (Ukraine)

Objectives:

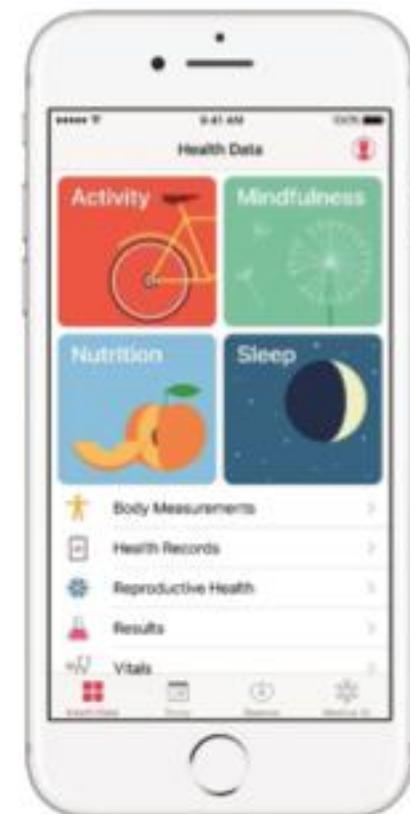
- to improve the usage of devices and apps able to turn smartphones (other tools) in radiation detectors for self-measurements by different categories of population, and
- to provide the collection and feed of data, essential for dose reconstruction.



WP3 objectives

WP 3 – Citizen Participation in health and well-being monitoring

Lead FMU. Partners: ISGlobal, IRSN, WIV-ISP, NMBU, CEPN, Ph Pirard (expert)



WP4 objectives

WP 4 Concept and specifications of App(s) and/or tools

Lead: WIV-ISP; **Partners:** IRSN, ISGlobal, ISS, **experts:** V. Chumak, Ph. Pirard, O. Bondarenko



WP5 objectives & tasks



WP5 Coordination and Dissemination.
Lead: ISGlobal, Partners: ISS, WIV-ISP, FMU

Task 5.1 Coordination



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Task 5.2 Dissemination



WP5 objectives & tasks



WP5 Coordination and Dissemination.
Lead: ISGlobal, Partners: ISS, WIV-ISP, FMU

Task 5.1 Coordination



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Task 5.2 Dissemination

