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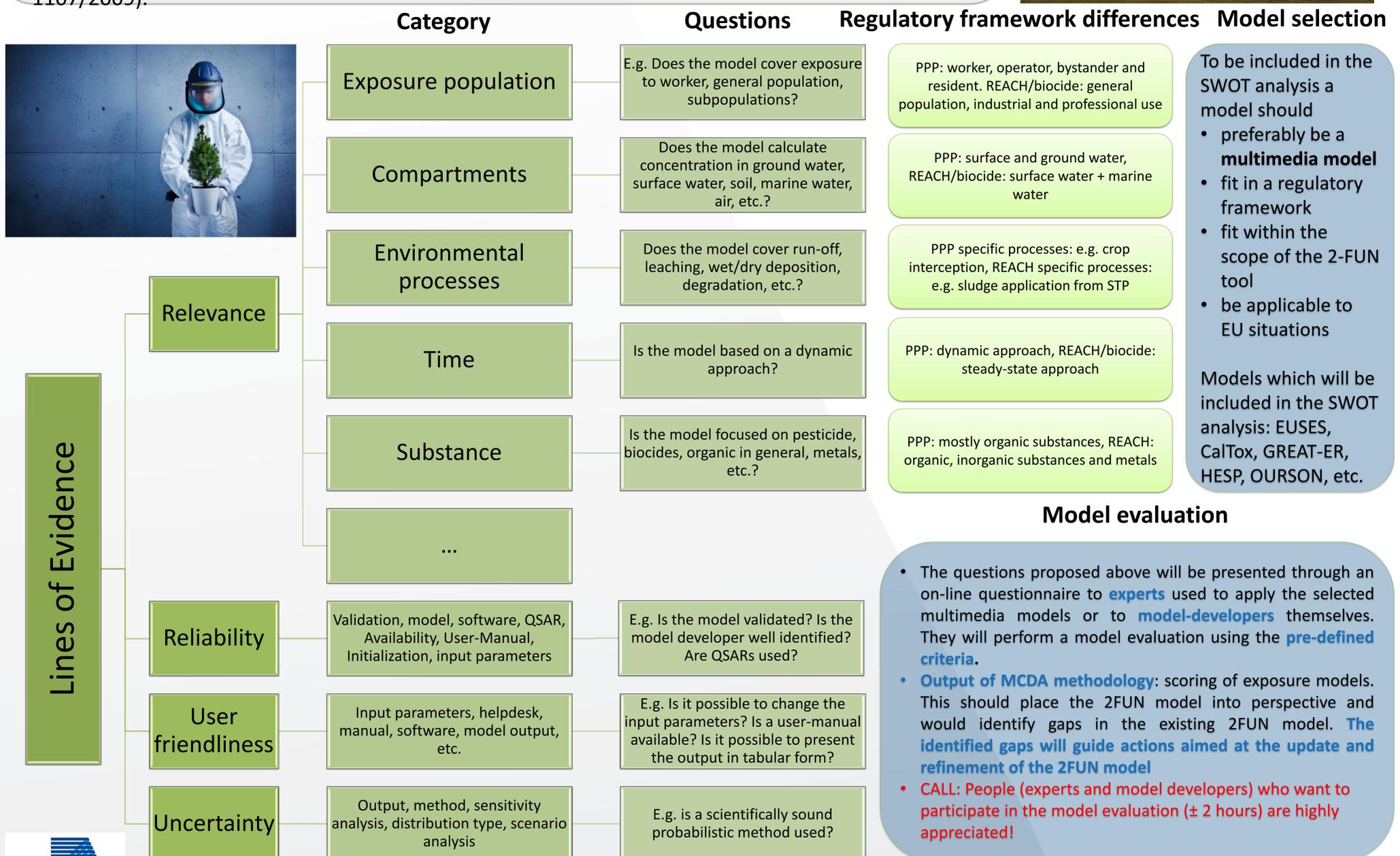
Introduction

- FP6 **2-FUN** project produced a **prototype software** containing a library of exposure models, coupling **environmental multimedia and pharmacokinetic models**.
- FP7 **4FUN** project will take the results from the 2-FUN project to the **market**, through a validation and standardization process and dissemination activities.
- Aim of Work Package 2: To analyse the strengths, weaknesses, opportunities and threats (**SWOT**) of existing exposure assessment tools (including 2-FUN) **to identify possible improvement for the exposure assessment of the 4FUN model**.



Model evaluation approach

- To compare and evaluate models, a **transparent and structured approach** is necessary. **Multi-Criteria Decision Analysis (MCDA)** provides an effective framework for comparing exposure models according to a set of criteria.
- The selected evaluation criteria are organized in a **hierarchical structure**, base on 4 Lines of Evidence (see below).
- Identified criteria can strongly be related to **regulatory frameworks**, where exposure to man via the environment is important, such as **REACH** (EC 1907/2006), **Biocidal Product Directive** (98/8/EEC)/Regulation (EU 528/2012) and the **Plant Protection Products Regulation** (EC 1107/2009).



Model evaluation

- The questions proposed above will be presented through an on-line questionnaire to **experts** used to apply the selected multimedia models or to **model-developers** themselves. They will perform a model evaluation using the **pre-defined criteria**.
- **Output of MCDA methodology:** scoring of exposure models. This should place the 2FUN model into perspective and would identify gaps in the existing 2FUN model. **The identified gaps will guide actions aimed at the update and refinement of the 2FUN model**
- **CALL: People (experts and model developers) who want to participate in the model evaluation (± 2 hours) are highly appreciated!**

More information on website 4FUN: <http://4funproject.eu/en/home/>