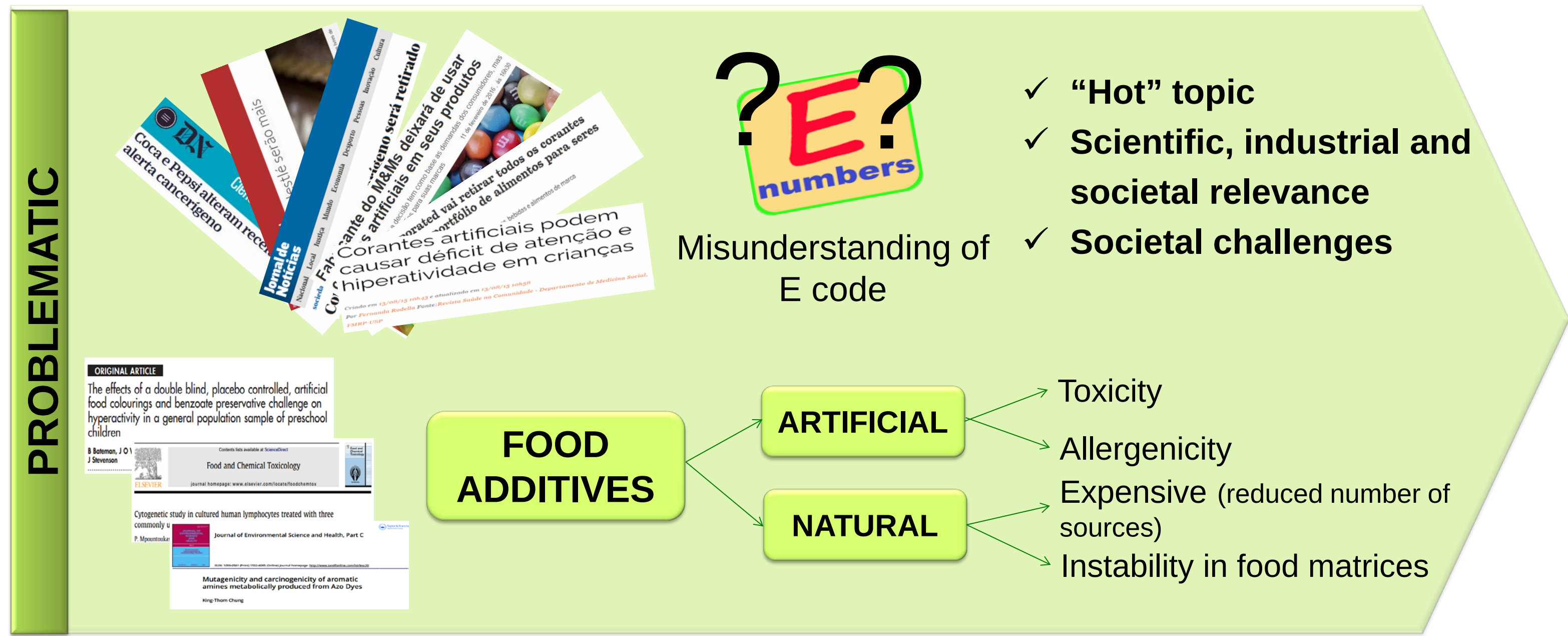
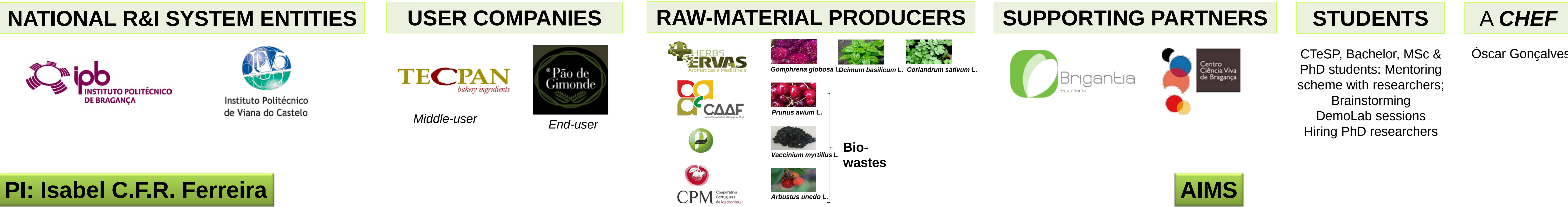
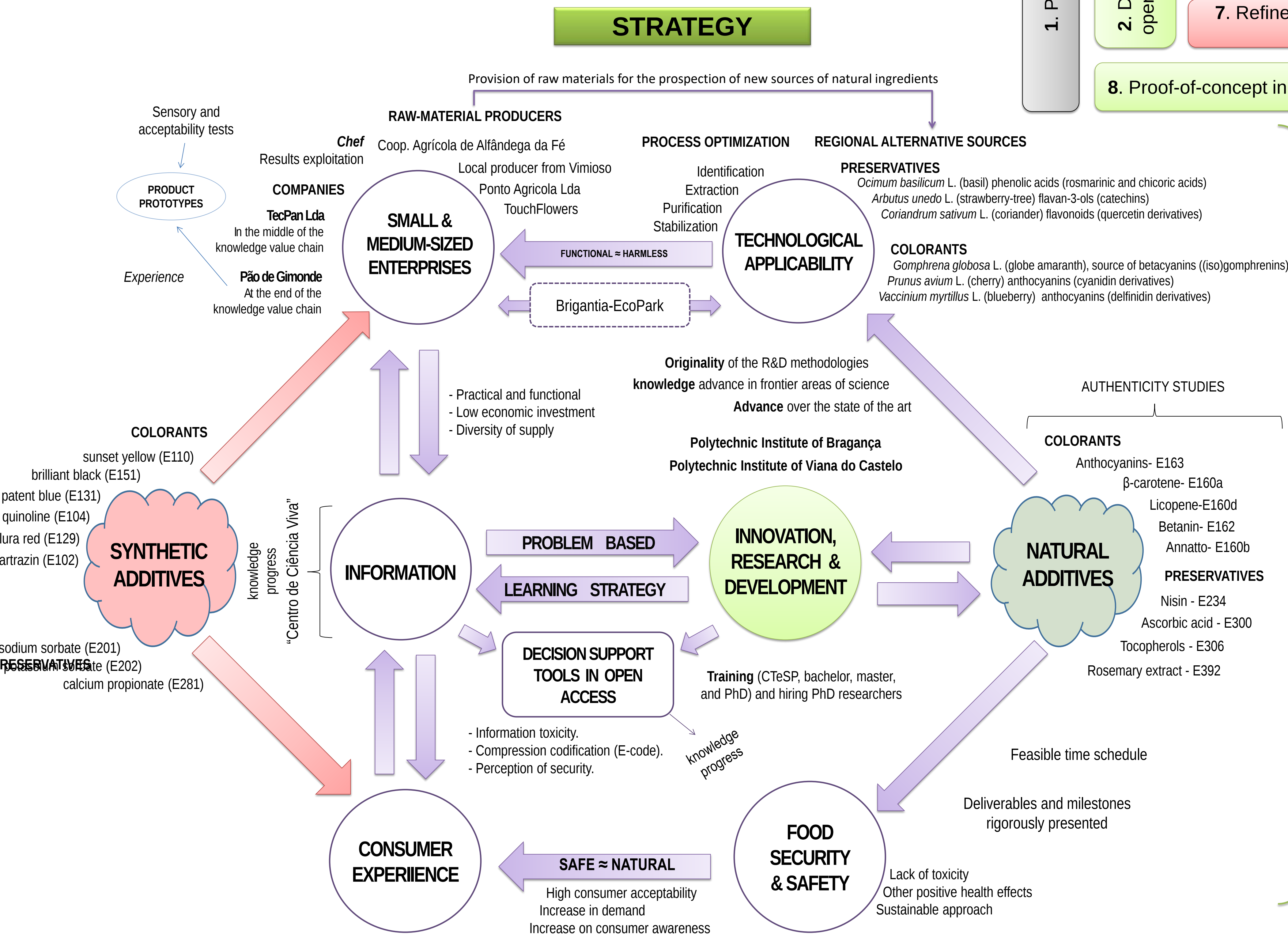
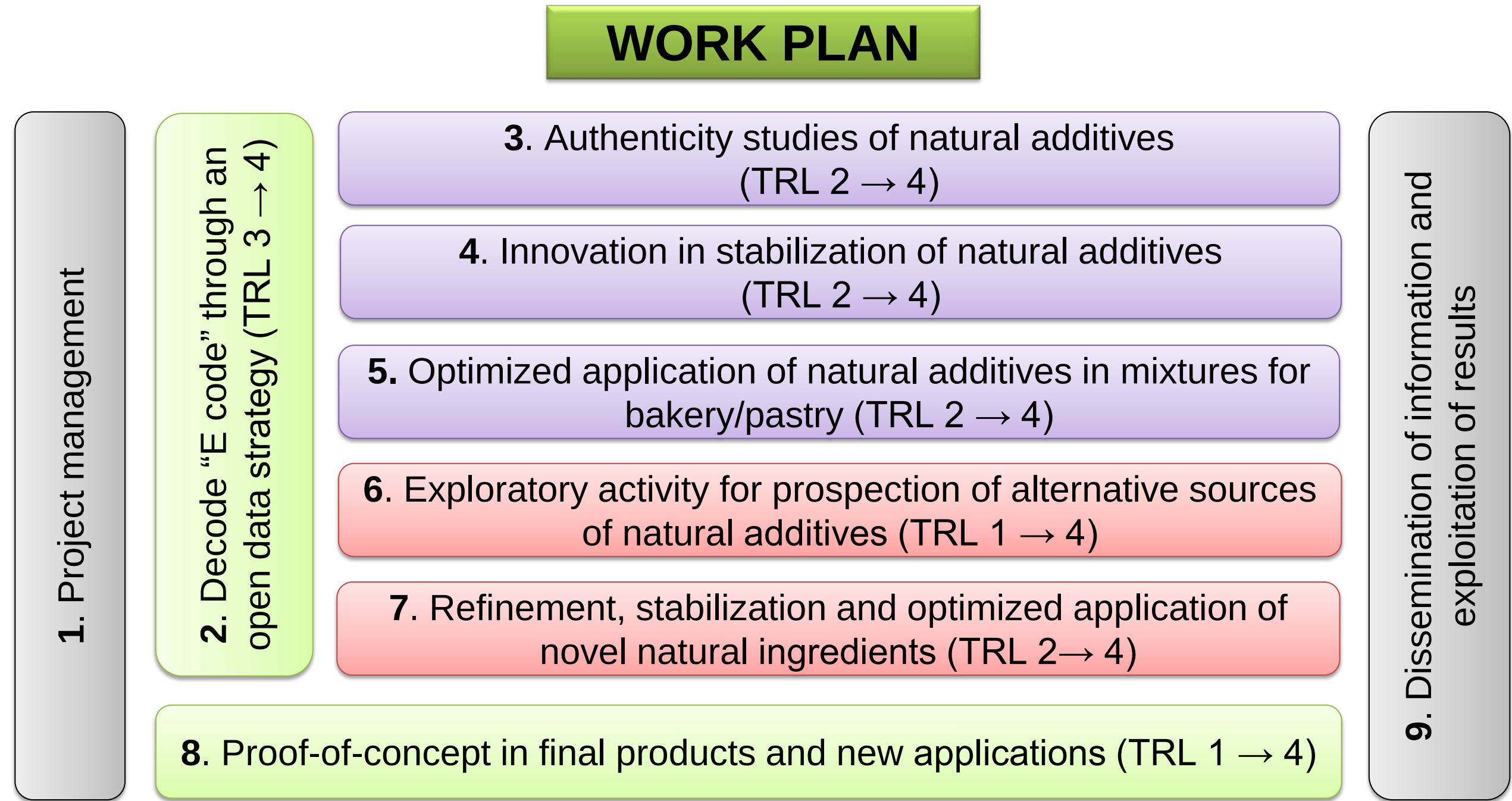




Stimulate a value chain from the **stabilization** of natural additives already existing on the market, but with low widespread use, until the **chemical prospection** of regional agricultural products (including **bio-waste**) that can be used as new sources of added-value ingredients (**natural preservatives and/or colorants**), and thus constituting a real alternative to the massively used artificial additives.



PROBLEM BASED LEARNING STRATEGY

- ✓ **Experience** of the enterprises who daily use artificial additives because of the inability to successfully use the natural options; the National I&I System Entities in the proposed topic.
- ✓ **Problems:** widespread misinformation regarding the E code used to classify additives; difficulties of the enterprises in the application of the authorized natural additives and low diversity of supply; which enable:
- ✓ **Learning opportunities and applied research perspectives:** open access to the information associated with the E code; pre- and post-application stabilization of the natural additives and exploitation of new sources based on regional raw materials, respectively.

QUALITY OF THE PROJECT

New technologies to solve complex problems and to generate **4 innovative applications** to implement in response to 3 different H2020 **societal challenges** related with demand for **foods** with natural additives (**3 laboratorial prototypes**) and “decoded” information regarding the E's controversy (**1 mobile app**). **2 Patents**. Excellent quality of the team; Feasibility of the Work Plan (timeline; deliverables/milestones; equipment list); Budget Reasonableness

