

ERKEP

Name of activity	Tool: Emerging Risk Knowledge Exchange Platform (ERKEP)
Reference framework	DEMETER
Lead DG/Organisation	European Food Safety Authority (EFSA)
Link(s) to website(s)	Link
Programme Period	Start of DEMETER project: January 2017
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Objectives

The Emerging Risk Knowledge Exchange Platform is a prototype demo of the technical platform developed within the DEMETER project which aims to support current (and future) European Food safety Authority (EFSA) procedures for emerging issue and risks identification by providing a community resource that will allow EFSA and EU Member State authorities to share data, data mining knowledge and methods in a rapid and effective manner.

Dashboard: An emerging risk identification system for the milk supply chain based on a holistic approach, automated data retrieval and processing using KNIME was developed by DEMETER. The system is presented to illustrate how outputs of KNIME workflows can be displayed in the Dashboard on the Content Management System (CMS) of ERKEP. Through the dashboard options the user may select country, driver and indicator and the historic results (updated until present date) including abnormalities that have occurred are shown.

Briefing note: Briefing notes are short documents developed by EFSA and its knowledge networks summarising information on identified issues. All past updates and feedbacks related the Briefing note are shown for each Note.

Knowledge Hub: The CMS is a data/evidence/knowledge repository. The ERKEP prototype includes a summary of a report on using citizen science for the identification of emerging risks. Contained within this summary are hyperlinks to the full report in which more information is provided on each of the specific topics.

Keywords	Risk, Prevention, Support, Knowledge data base
RoC Challenge(s)	Challenge 1.1
Participants	EFSA, Wageningen RIKILT and Wageningen Food & Biobased Research (NL), BfR (DE), University of Newcastle (UK) and NEBIH (HU)
Further info	Link to Demeter Project Website ; Link to Brochure
Reference funding	ERKEP is a prototype demo of the technical platform developed within the DEMETER project.