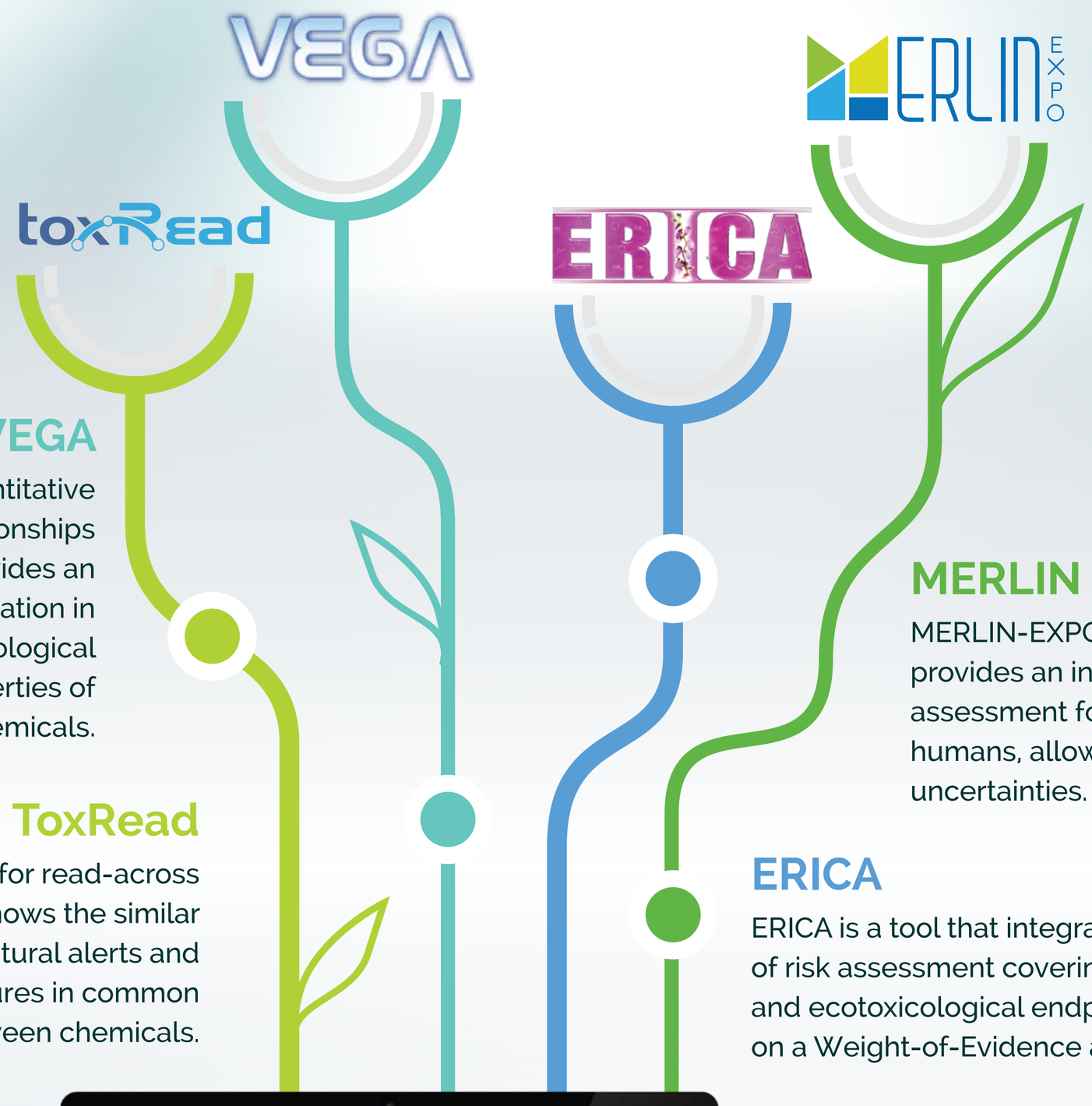
LIFE16
ENV/IT/000167

life vermeer

Integrating VEGA, ToxRead, MERLIN-Expo and ERICA in a platform for risk assessment and substitution of risky substance



VEGA

VEGA is a library of Quantitative Structure-Activity Relationships (QSAR) models that provides an integrated tool for data generation in the field of fate, ecotoxicological and toxicological properties of chemicals.

ToxRead

ToxRead is a program for read-across of chemicals. It shows the similar chemicals, structural alerts and relevant features in common between chemicals.

MERLIN EXPO

MERLIN-EXPO is a library of models that provides an integrated tool for exposure assessment for the environment, biota and humans, allowing detection of systemic uncertainties.

ERICA

ERICA is a tool that integrates the results of risk assessment covering both human and ecotoxicological endpoints. It is based on a Weight-of-Evidence approach.

RISK ASSESSTMENT AND SUBSTITUTION **PLATFORMS**

A multi-stressors, multi-target, and multi-route exposure, multi-endpoint hazard, risk aggregation and identification of structural alerts for substitution strategy

life Sphera

LifeSphera (Software Predicting Human and Environmental Risk Assessment) will provide a single platform for investigating multiple risk scenarios.

tox eraser

ToxEraser software will identify the chemical components and parameters associated with the adverse effect and will support substitution decision-making.

With the contribution of the LIFE financial instrument of the European Union

Coordinator

ISTITUTO DI RICERCHE FARMACOLOGICHE MARIO NEGRI · IRCCS

ISTITUTO DI RICERCHE FARMACOLOGICHE MARIO NEGRI | IRCCS
Via Mario Negri 2, 20156 Milan, Italy.

INERIS maîtriser le risque pour un développement durable | AngelConsulting SCIENCE AND LAW UNDER THE SAME WINGS | Sviluppo chimica spa | BfR Bundesinstitut für Risikobewertung | kode from data to knowledge | sciensano | eDF | Making Future.

Design | AGDesigner | www.agdesigner.eu