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Formulation Boosting R&D Services
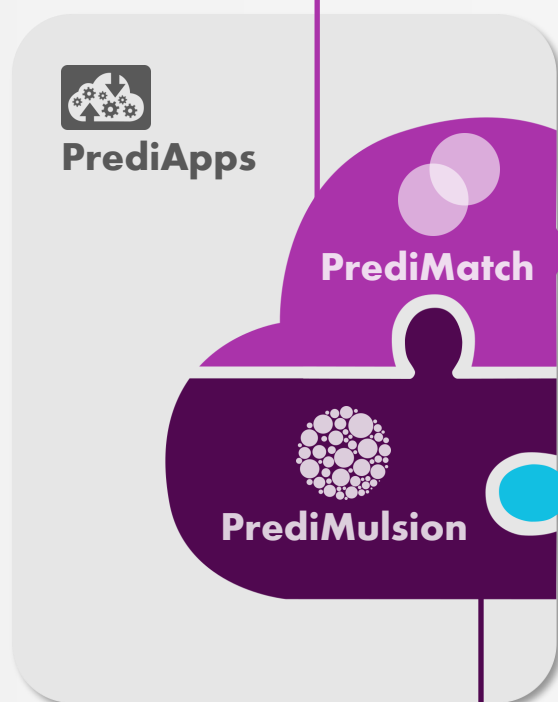
PrediMatch

HSP Web-App to Formulate Digitally

PrediApps & PredictID

Digitalize your R&D with VLCI's PrediApps

PrediMatch

- **HSP** formulation web-app, linked to HSP data from the central database PredictID

- Applicable for all types of formulations: **solutions**, **dispersions**, and to complement **emulsions**

PrediApps

PrediMatch

PrediMulsion

PredictID

PredictID

- **Central database** of **HSP** and **HLD** parameters of commercial ingredients, continuously updated

- **Established by VLCI**, including VLCI's experimental data, HSPiP and FFE databases, and HSP from ingredient suppliers

- Focusing now on industries like **personal care**, **home care and coatings**

- Possibility to privately load external, customer-owned datasets

PrediMulsion

- **HLD** formulation web-app, linked to HLD data from the central database PredictID

- Applicable to **emulsions** and **surfactant-based** formulations

PrediMatch Features

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PredictID

Filter through the central database and privately load your own datasets to select matching ingredients and suitable alternatives.

3D Visualizer

Map and visualize the different ingredients' HSP (regions) within your product to guide your normal formulation process. Easily trouble-shoot and improve your formula.
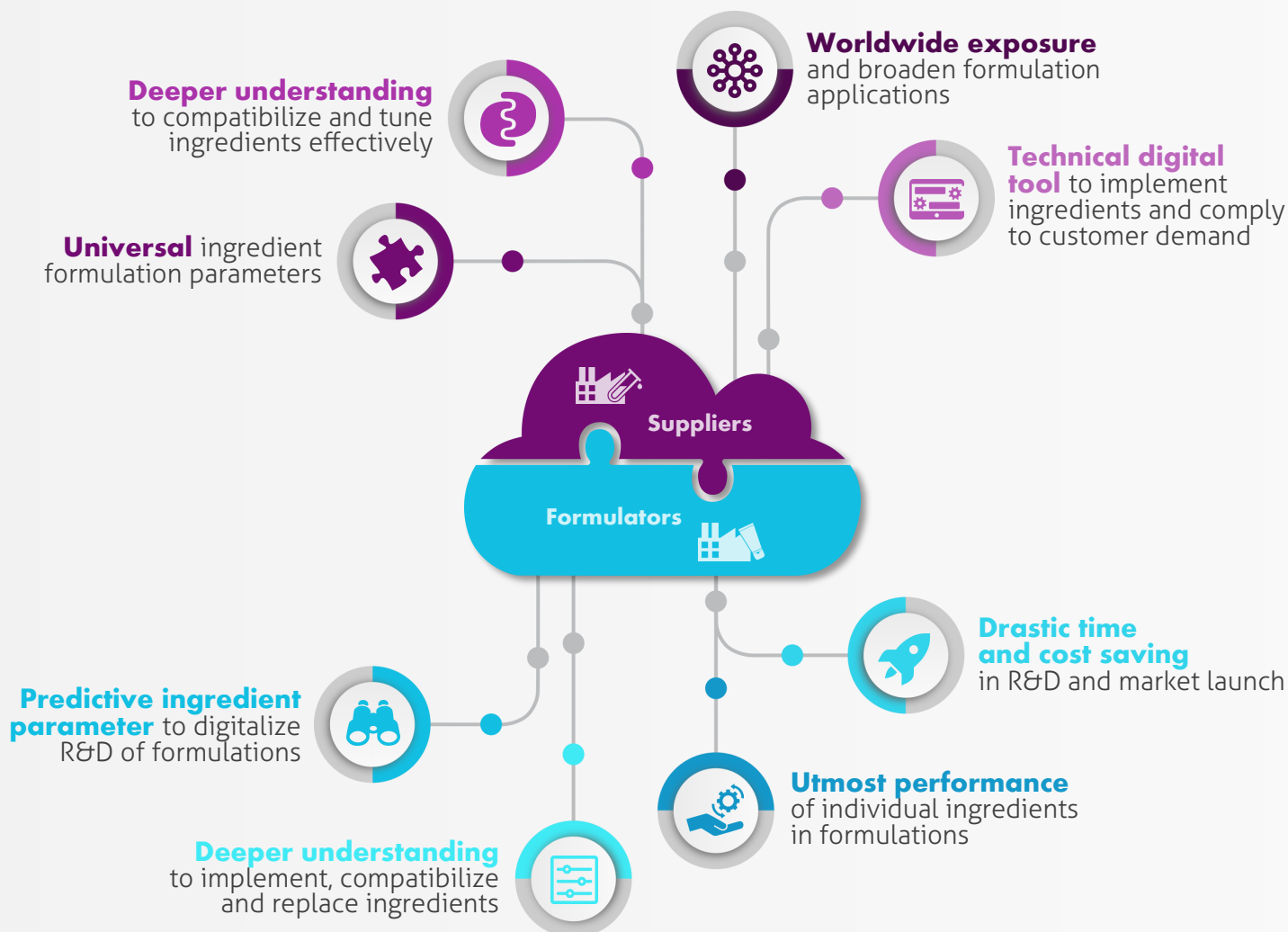
Select

Compatibilize your formula by selecting and comparing matching ingredients from the database.

Design

Target the region of interest and define the HSP region where to formulate in.

Blend

Adjust the formula by blending materials to reach the targeted HSP region. Let the app suggest the best options from selected ingredients.

Recipe

Preview the enhanced product, save your recipe and validate the predictions with experimental trials.

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PrediApps Benefits

Deeper understanding to compatibilize and tune ingredients effectively

Worldwide exposure and broaden formulation applications

Technical digital tool to implement ingredients and comply to customer demand

Universal ingredient formulation parameters

Suppliers

Formulators

Drastic time and cost saving in R&D and market launch

Predictive ingredient parameter to digitalize R&D of formulations

Utmost performance of individual ingredients in formulations

Deeper understanding to implement, compatibilize and replace ingredients

Contact Us

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