

# Bio-Based Materials and Home-Care Development

For materials and home-care companies exploring bio-based materials, enzyme-enabled products, fermentation-derived compounds, or cleaner production routes.

## THE OPPORTUNITY

Sustainability and performance pressure are rising, but bio-based product ideas often stall before execution. Maya Lab helps define which direction is technically realistic and commercially useful.

## POSSIBLE DIRECTIONS

- bio-based polymers and materials
- enzyme-enabled cleaning systems
- fermentation-derived surfactants
- biodegradable specialty compounds

## WHAT MAYA LAB DEFINES

Product target, bio-based route options, technical feasibility, partner or vendor landscape, risk map, early claims logic, development milestones, and the first execution plan.

## BEST BUYER

- Innovation Director
- Sustainability Lead
- R&D or Product Development Director
- CEO or founder of a specialty manufacturer

## FIRST PROJECT OUTPUT

A development-ready path for one material or home-care direction: product target, route map, recommended partner strategy, risks, milestones, and next execution proposal. The result is a clear technical-commercial decision, not a generic sustainability scan.

## PHASE 1

The Development Design Program typically runs 4 to 6 weeks and focuses on one material, compound, or product-route direction.

## CLIENT INPUTS

The client provides the product category, performance target, sustainability constraints, manufacturing context, target claims, and decision criteria.

## AFTER PHASE 1

If the direction is approved, Maya Lab can support managed development with labs, CROs, materials partners, formulation vendors, and manufacturing partners. The next phase is scoped separately around execution milestones.

[Request a development proposal](#)

[murat@mayamilk.com](mailto:murat@mayamilk.com)