



**PRIVOLAB**



Climate-KIC

## Bread for engine

*Bioethanol production technology  
and waste bread utilization*

## Contact

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To meet national indicative target, obligatorily imposed by EU, both producers and dealers have to sell fuels with appropriate content of bio-components. Second generation biocomponents solve two problems: reduce CO<sub>2</sub> emission and intensify waste recycling.

PRIVOLAB developed a cost-effective method of bioethanol production, the bio-component of gasoline. The innovative method provides the second generation bio-fuel component (bioethanol) characterized by higher reduction of CO<sub>2</sub> emission (closed CO<sub>2</sub> cycle), higher engine combustion efficiency and utilization of troublesome waste (waste bread). The component is produced in line with the requirements of the normative bioethanol.

Application of waste raw material allows to higher subsidy, revenues from waste food utilization and sale of biofuel.

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