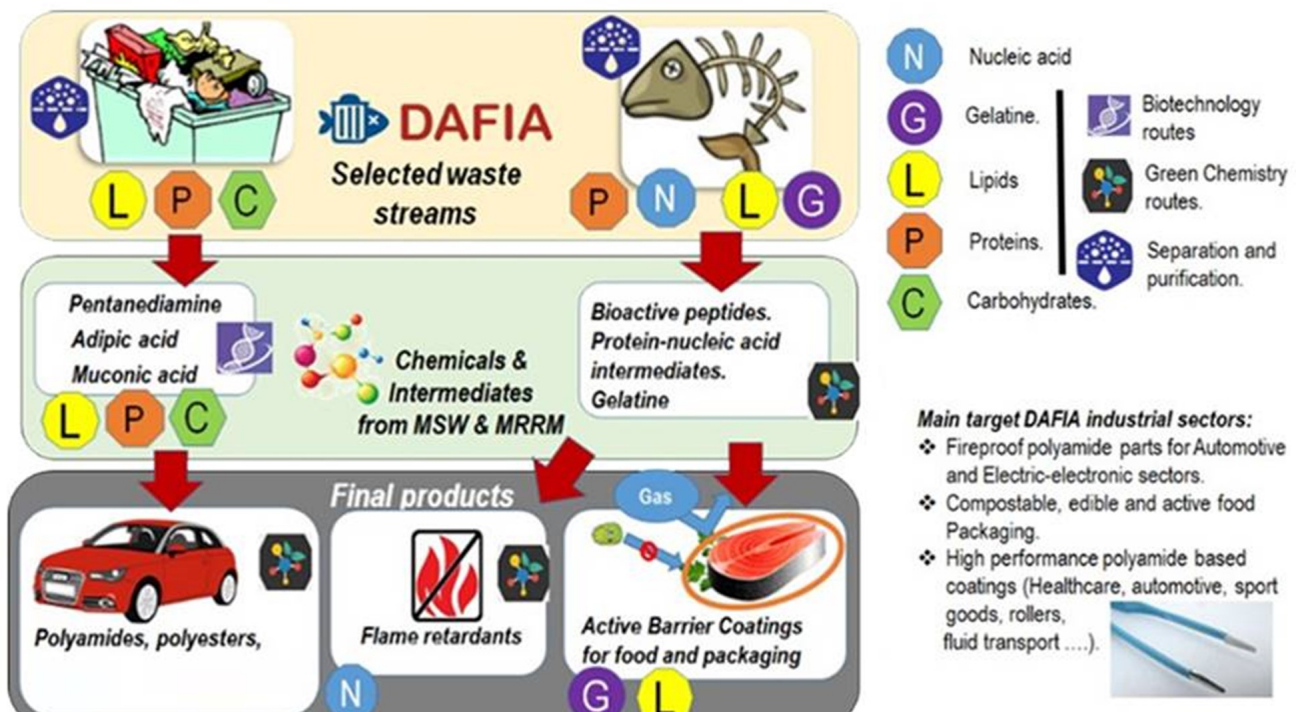


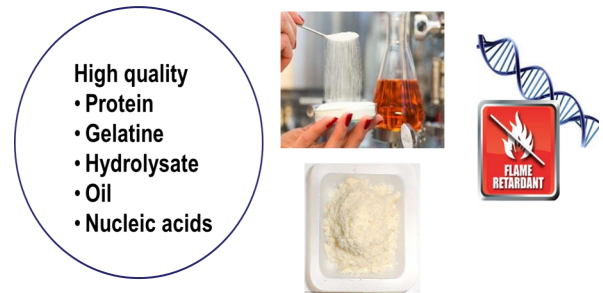
Biomacromolecules from fish rest raw material for high added value application

DAFIA is a research and innovation project that aims to convert residues from the fish-processing industries and municipal solid waste to a range of products including flame retardants, polyamides, packaging and coatings for fish fillets



More than 1.3 million tonnes of marine rest raw materials (MRRM) are generated in Europe each year. Some countries have traditionally been utilising significant parts of the MRRM, mainly as silage, which is often processed into animal feed. Only a small fraction of the MRRM is used for human consumption or other value added applications.

In the DAFIA project SINTEF, in cooperation with other project partners, is developing technological solution for extraction of nucleic acids from MRRM and seeking for improvement of gelatine extraction technologies. Improved textural characteristics of fish gelatin would substitute mammalian gelatine in food industry for the production of coatings.



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