

AdCofInov (Innovating coupling technologies for Adding Coffee waste value)

Selective extraction of high added value molecules from coffee pulp waste, by innovative membrane and separation technologies

ABSTRACT

Support for a research project aimed at identifying the potential of membrane and separation technologies for the treatment of coffee pulp. Two aspects are addressed: (i) identifying toxic compounds contained in the pulp and ensuring their removal to ensure direct use of the waste and (ii) extracting/separating/concentrating targeted compounds with high added value.

The PhD involved in this project will be in charge of the research activities (understanding and innovation - mainly tasks 3, 4, 5 and 6).

This project is linked to an ANR project which is dedicated to a technical feasibility study of coffee pulp processing (mainly tasks 3, 4, 5, 6 and 7)

Keywords : Quality, Society, Transformation, Polyphenol/phenol compounds, Value chain, Coffee, Coffea, 1. Exclu de la photothèque

Year : 2014

Project number : 1403-079

Type of funding : AAP

Project type : AAP OS

Research units in the network :

Start date : 2015-10-01

End date : 2018-09-30

Flagship project : no

Project leader : Manuel Dornier

Project leader's institution : InstitutAgro

Project leader's RU : QUALISUD

Budget allocated : 135000 €

Total budget allocated (including co-financing) : 135000 €

Funding : Labex