

WEEX : DÉCHETS ET POLLUTION

WEEX : WASTE AND POLLUTION

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Objectives

The WEEX DEPOL is a 5-day project to be conducted in teams of 7 students. Each team conducts an environmental investigation to determine the causes of a public health problem, using fluid mechanics, mathematics and environmental chemistry.

Keywords : pollution; waste; circular economy ; fluid mechanics; chemistry; materials;

Programme		ots used are: transport of pollutants (see Fluid Mechanics course); modeling and numerical (see Mathematics course); deposition and speciation of pollutants in the environment, concepts.
Learning outcomes	 Dare: actively contribute to the smooth running of the working session in groups by a good balance between active listening and participation; take care of your language, adapt your communication to others; express yourself assertively: affirms your point of view while respecting differences of opinion. Knowing oneself, building oneself: analyze a situation based on the concepts of personal resources (strengths, values, motivations, etc.), emotional intelligence and self-esteem to be aware of your preferred modes of functioning and the diversity of behavioural profiles. 	
Independent study	Objectifs :	Work in teams of 7 people. Each team carries out its project in semi-supervised autonomy, with intermediate deliverables to be handed in as the work progresses.
	Méhodes :	Investigate as a team using field data to determine which pollutants are responsible for a public health problem. Mobilize notions of the "tronc commun" (e.g. FLE, MATH, INFO). Each team is composed of students with complementary know-how, according to the courses followed before ECL, and
Core texts		

Assessment