

Pierre Amadiou (FR): DIY Hemp Decorticator to provide textile needs : a collaborative and a win-win approach

3 textile operators rely on an original hemp integrated process.- Tuffery's jeans, France based jeaner- Vertex's knitted yoga sportswear line, Switzerland based startup- Emanuel Lang, France, Alsace based weaving company and textile holdingAre backing their ongoing R&D and are sourcing their hemp fibres from PierreAmadiou's integrated process and devicesIn return this partnership allows developing further decorticating and refining processand tools to improve steadily the quality of these new hemp textile fibres, openingthus new markets.DIY Hemp Decorticator as a part of an original and integrated process :- straw retted on field after flower or seeds harvesting a two level cutter to be set and harvest flowers this summer- whole long hemp stalks are packed in round bales- to be unrolled at input of decorticating line- a decorticating line based on roller breakers and rolling the cleaned long fibresat outputo demonstrator already operatingo prototype on an ongoing buildingo decorticating line to be available on Open source model or to be purchased- bundles of fibres refined using a dedicated hemp cardThen, mainly in France and inEurope, industrial partners operate these textile hempfibres :- carding and combing a sliver- Dyer- spinning- weaving or knittingForecasted achievements in2018- Vertex's yoga sportswear line- Tuff's jeans- Emanuel Lang apparels- Industrially sized prototype of the Hemp Decorticating line operating- Skills transfer to build, to launch and to operate DIY Hemp Decorticator