



FLANDERS CLEANTECH INTERNATIONALISATION AWARDS



FRX POLYMERS

INTERNATIONAL SUSTAINABLE IMPACT : FRX POLYMERS® (FRXP) is commercializing a unique series of non-halogenated, inherently flame retardant (FR) plastics (branded as Nofia®). After founding the company in 2007 and building a pilot plant in 2010, the first commercial plant was commissioned in Antwerp in 2013. Nofia FRs are the first halogen-free, polymeric FR additives. Thus, they will not bleed out of the host plastic making them very safe high value alternatives compared to conventional (halogenated) FRs. The production processes for Nofia materials do not use solvents, generates hardly any waste, and the environmental quotient (total mass of waste/mass of desired product) is nearly zero.

ABILITY TO EXECUTE IN FUTURE – ENABLERS & INHIBITORS : The accessible market for Nofia phosphonates exceeds 500 ktpa. The current plant capacity is less than 1-2% of this volume. FRX Polymers is a venture capital backed company and in its initial stage of commercialization and made substantial progress towards becoming a global supplier of a unique product in a 2.5 million tons total FR market (~€6 billion). Since the establishment of its first commercial plant in Antwerp, the company increased its year-over-year sales and expects to excel this ramp to become cash flow break in 2017. A next commercial plant could be realistic within 5 years.

INTERNATIONAL MARKET TRACTION

Geographical market(s) – in %

- Belgium	11%
- Europe EU – neighbouring countries (GE, FR, LU, NL, UK)	17%
- Europe EU – other	3%
- Asia	51%
- The Americas	18%

CONTACT

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More information: <http://www.frxpolymer.com/>