

# CWSF 2018 - Ottawa, Ontario



## Raul Pinol Pascual

### Geothermal Power Plant Producing Water by Condensation

**Challenge:** Innovation

**Category:** Senior

**Region:** Fraser Valley

**City:** Surrey, BC

**School:** St John Brebeuf

**Abstract:** The Installation focuses its characteristics on geothermal energy such as the cooling element feeder of one or more condensers, so that the cooled fluid in said geothermal installation, is used to cool the ambient air and condense the moisture thereof so that the water contained in the air is redirected to a storage tank.

#### Biography

- Educational centers: School Mare de Déu del Carme, Alcoletge Spain. Colegio Mater Salvatoris, Lleida Spain. George Siemens School, Lorch Germany. Spielsprachschule, Berlin Germany. Colegio Claver Jesuitas, Lleida Spain. Berlinek Sprachen Zentrum, Berlin Germany. ST. John Brebeuf High School, Abbotsford BC Canada. Surrey German School, Surrey BC. Walnut Grove Secondary, Langley BC Canada. In the academic year 2016/2017, I advanced a school year and in the 2017/2018 course at age 14, is Grade 11 in St. John Brebeuf, British Columbia Canada. I am studying six APs: AP MICROECONOMICS AP MACROECONOMICS AP US HISTORY AP STATISTICS AP CALCULUS AP SPANISH - Languages spoken: Catalan (mother language), Spanish (mother language), English (Advanced), French (B1), German (B1). I Have participated in the national competition, XXII Cangur competition of the Societat Catalana de Matemàtiques, 2017. 2014 patented the first heating system for motorcycle wheels, with state patent number: P201431598. 2017 patents the first geothermal plant for the production of water by condensation, with state patent number: P201631093. Certificated in the Dale Carnegie course on "Effective Communication and Human Relations" 2016. Certificated in the Dale Carnegie program of "High Impact Presentations"...

#### Awards

#### Value

Intact Climate Change Resilience Award - Senior Sponsor: Intact Financial Corporation	\$2 500
<b>Total</b>	<b>\$2 500</b>