



FEASR



REGIONE DEL VENETO



FONDO EUROPEO AGRICOLO PER LO SVILUPPO RURALE: L'EUROPA INVESTE NELLE ZONE RURALI



Culture innovative: il caso della

Canapa

21-22-23 settembre 2020

Seminario on-line / Formazione a Distanza

La filiera agroindustriale della canapa: il caso studio Canapar s.r.l.

Paolo Guarnaccia



UNIVERSITÀ
degli STUDI
di CATANIA

Dipartimento
di Agricoltura,
Alimentazione
e Ambiente

www.diga.unict.it

Canapar Vision and Mission

Develop and optimize industrial hemp and medical cannabis cultivation, enhancing its derivatives for both cosmetic and pharmaceutical applications taking care of ethical relationships with farmers, local economic development and environment protection.

Canapar localization



Canapar industrial site



January 16th 2019, Canapar ribbon cut

Dried biomass storing and processing



Pellettized biomass storing and extraction



Canapar Corp. Board of Directors



Sergio Martines
Board member



Olivier Dufourmantelle
Board member



Jason Monaco
Board member



Paolo Battaglia
CFO

Canapar Executive Team



Executive Team

- *Sergio Martines, CEO*
- *Giovanni Verzi, GM*
- *Paolo Battaglia, CFO*
- *Antonio Caruso, Business development*
- *Giacomo Bulleri, Legal Advisor*
- *Giovanni Campo, Fiscal Advisor*
- *Antonio Zuccarello, Operations manager*
- *Antonio Zanotto, QC manager*
- *Rossana Caruso, press office & media relation*
- *Eleonora Colandonio, Executive coordinator*
- *Lara Tavalilla, Assistant*
- *Giovanni Milazzo, VP Development*
- *Giuliana Martines, CEO Canapr farming*
- *Giovanni Roveto, Agronomist*
- *Pierpaolo Paternoster, Technical operator*
- *Paolo Guarnaccia, VP Academic Affairs*

Partnership with the University of Catania



UNIVERSITÀ
degli STUDI
di CATANIA

Students:	n. 43600
Academic staff:	n. 1300
Administrative and technical staff:	n. 1100
Departments:	n. 18
PhD Courses:	n. 14

Partnership with the University of Catania



Mission

To produce high-quality scientific research with a high social and economic impact and to organize courses and other educational activities with innovative and sustainable training contents and objectives, designed to meet the current needs of agro-food systems with particular reference to the Mediterranean Basin.

Staff

- 27 full professors
- 29 associate professors
- 36 researchers
- 34 administrative
- 15 technicians
- 12 farm workers

Partnership with the University of Catania



Di3A contribution to Canapar

- Defining protocol of hemp cultivation
- Monitoring farmers agronomical practices
- Agronomical and chemical analysis of biomass and derived products
- Promoting hemp cultivation to new farmers
- Breeding and innovative crop management techniques
- Developing proprietary hemp-specific harvesting and processing equipment
- Optimizing production in green house farming
- Research and planning for medical cannabis
- Participation in public tenders

Partnership with local Institutions

COMUNE DI GRAMMICHELE



COMUNE DI LICODIA EUBEA



Ordine dei Dottori Agronomi
e Dottori Forestali
della Provincia di Ragusa

Partnership with farmers associations



AGRICOLTORI ITALIANI



International partners

Canapar Corporation

100 King Street West, Suite 5600
Toronto, ON M5X 1A9

Canapar Corp. is a Canadian holding company for Canapar s.r.l. and Canapar Farming s.r.l. in Italy.



Canopy Rivers

The partnership with Canopy Rivers Inc., the venture capital arm of Canopy Growth Corporation, allows Canapar to quickly fill the gap in know-how and operate as an acceleration engine for the development of the European market.



Fundraising



Seed investment

June 2018: 1.000.000 \$CAN

Second round

November 2018: 25.000.000 \$CAN



Farming Activities

2019 campaign

- 320 hectares in Sicily (contract farming)
- 305 hectares in Apulia (direct cultivation)
- 300 hectares in Apulia (purchase agreement)
- 100 hectares in Campania (purchase agreement)

2020 campaign

- Prevision of appx. 600-700 ton of dried biomass to be supplied by:
 - contract farming
 - direct cultivation
 - purchase agreement
- Covid 19 did not allow to follow the schedule

Hemp varieties



The hemp varieties used by Canapar are among those listed in the EU Plant Variety Database (Article 17, Directive 2002/53/EC) with a THC content lower than 0.2% as foreseen by the last CAP reform 2014-2020 and by the Italian law 242/2016

CBD Extraction



The processing plant will have a capacity of processing **600 tons/year** of biomass processed (appx. 6,000 kg of crude CBD) with a continuous extraction process that employs the newest extraction technique currently available on the market.

The Italian processing plant will be the **first of its kind and one of the largest in Europe**.

The entire process will be GMP certified.

Consumer Products



Planned for 2021 launch

- Hair care products
- Skin care products
- OTC CBD products
- Vaping products
- Food products

Canapar timeline



December 2017

First contact with the
Canadian Partners

May 2018

First visit in Sicily

June 2018

Seed investment

October 2018

First contract
farming signed

November 2018

Fundraising

December 2018

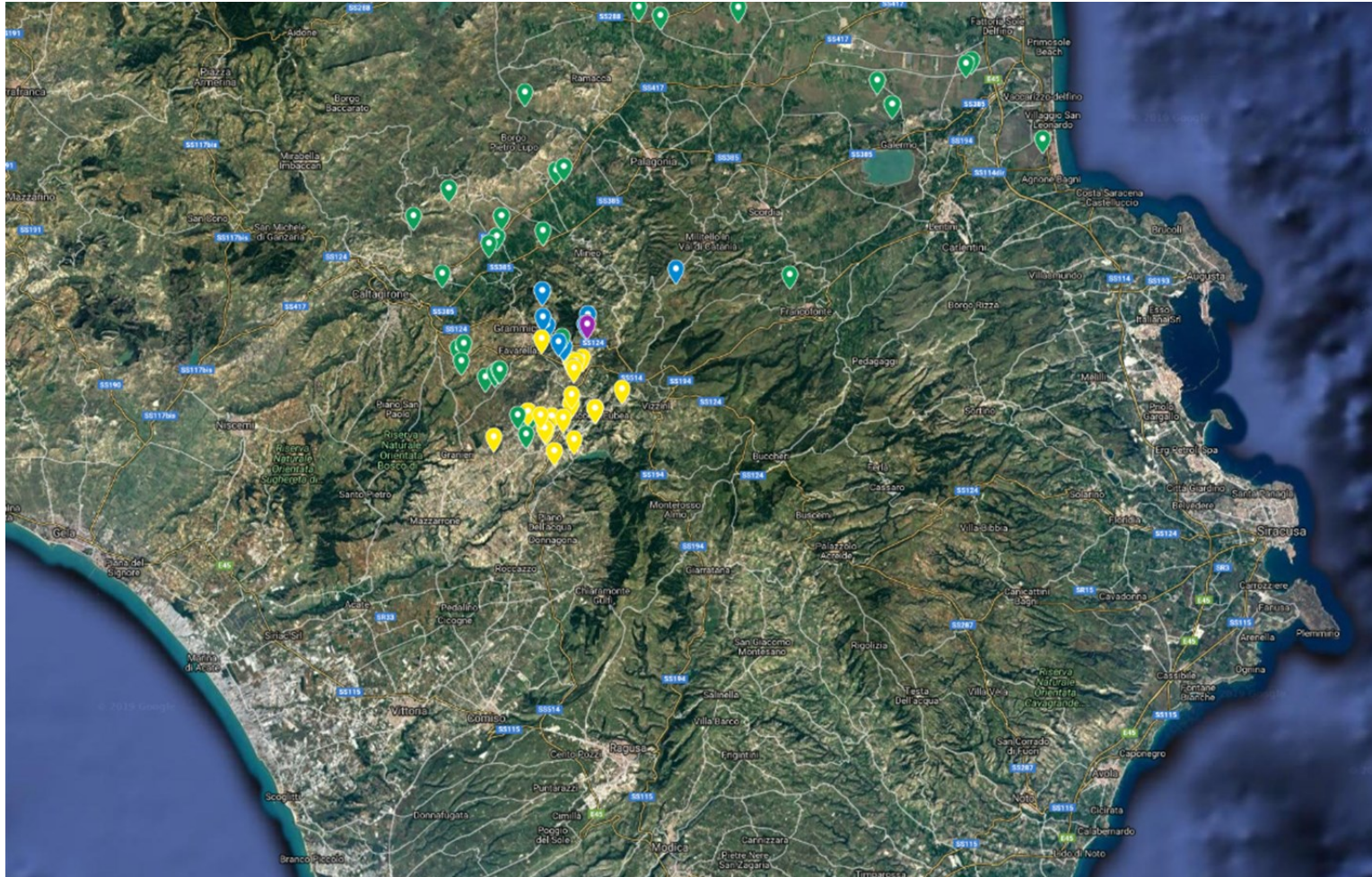
Industrial site
acquired

March 2019

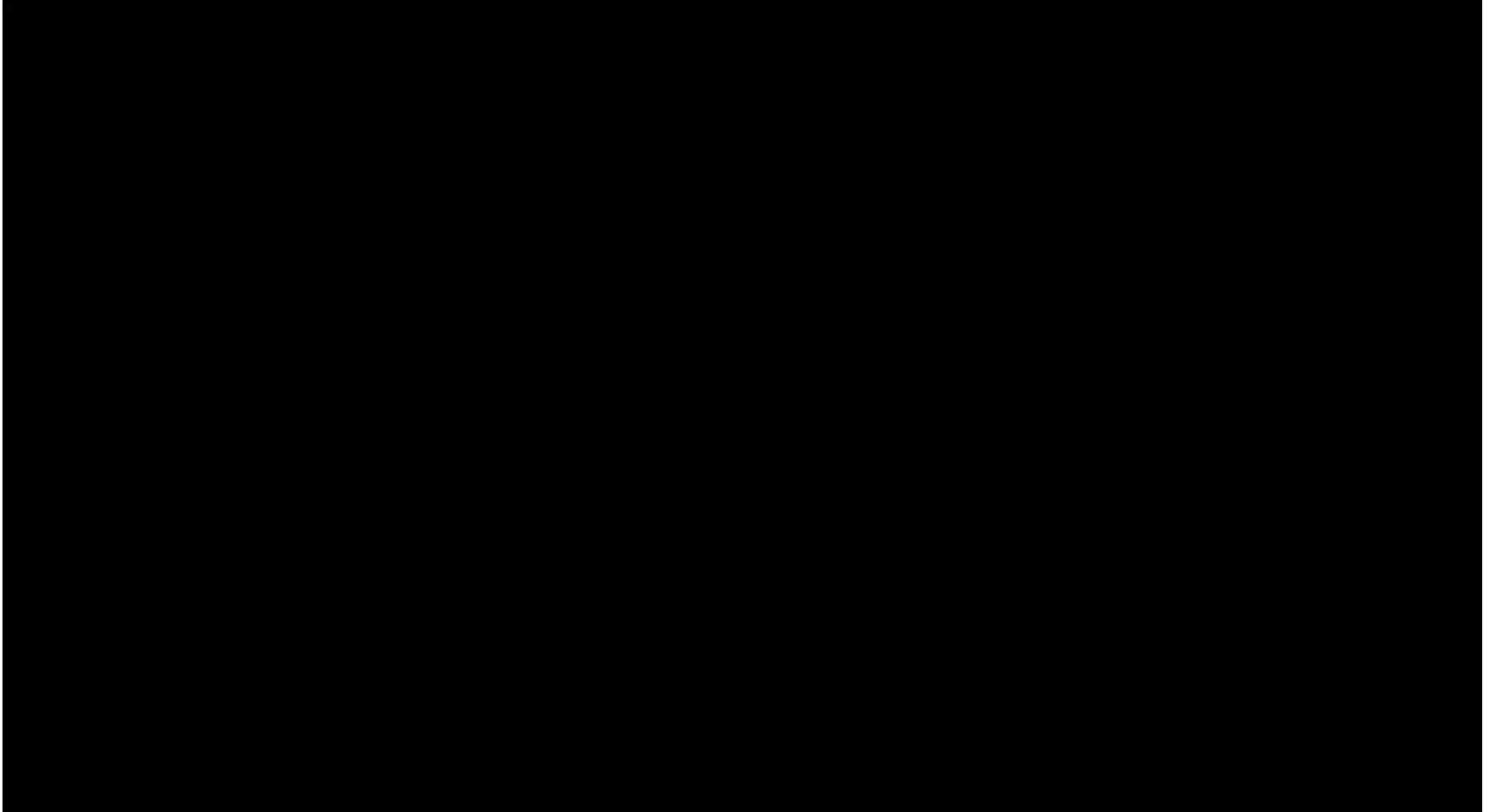
Farming campaign
start



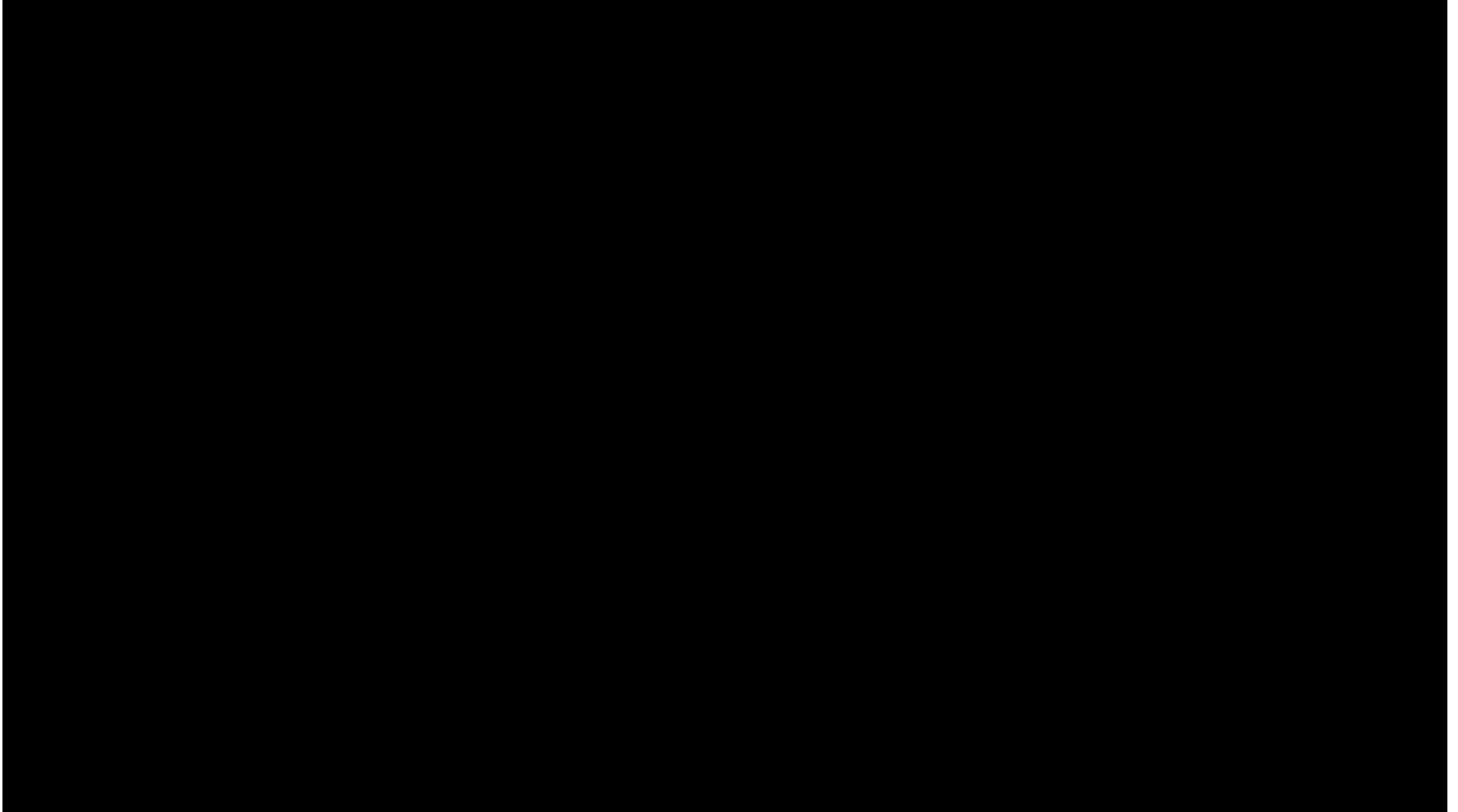
2019 Farming Campaign in Sicily



Hemp sowing at Nello Conti farm (Lentini, SR)



Hemp sowing at Caterina Grimaldi farm (Mineo, CT)



Hemp harvest at Giuseppe Iudica farm (Caltagirone, CT)



