

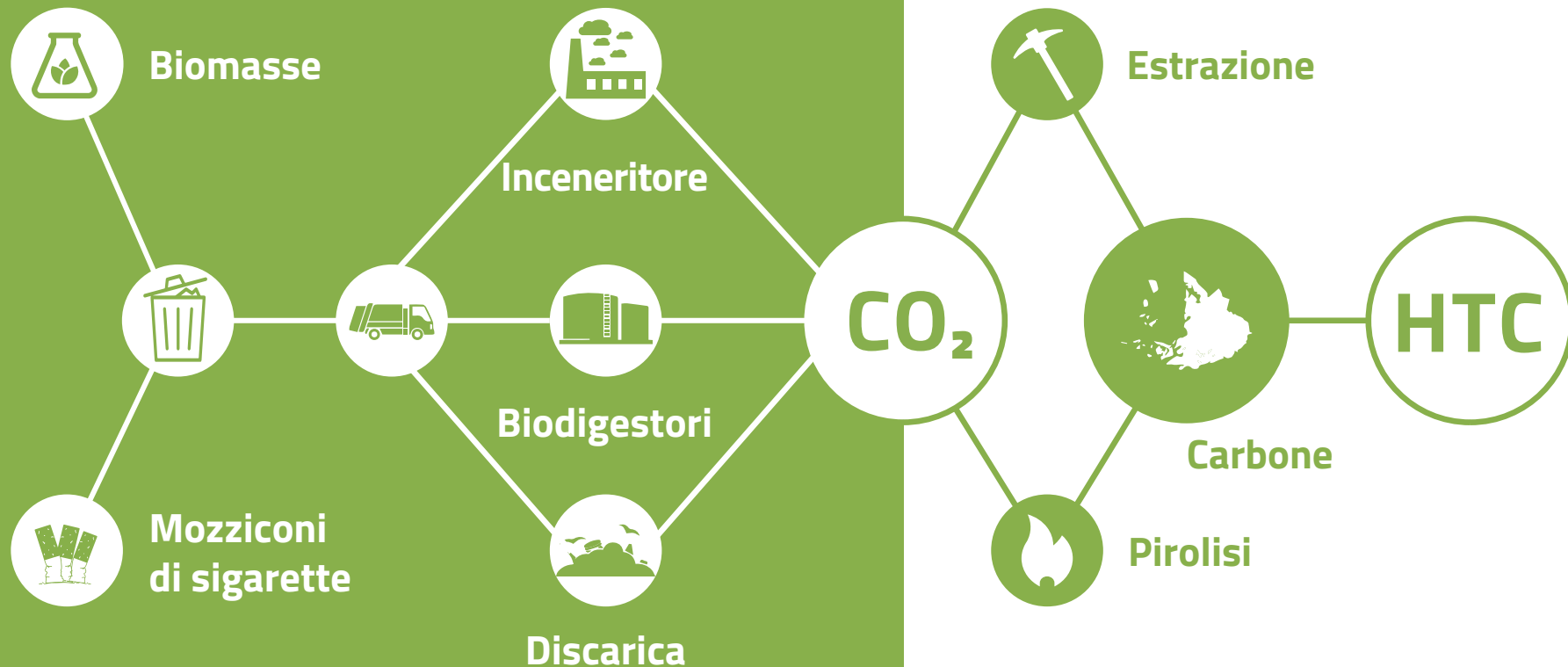


**Conversione in carbone vegetale di rifiuti  
ad alto tenore di carbonio**

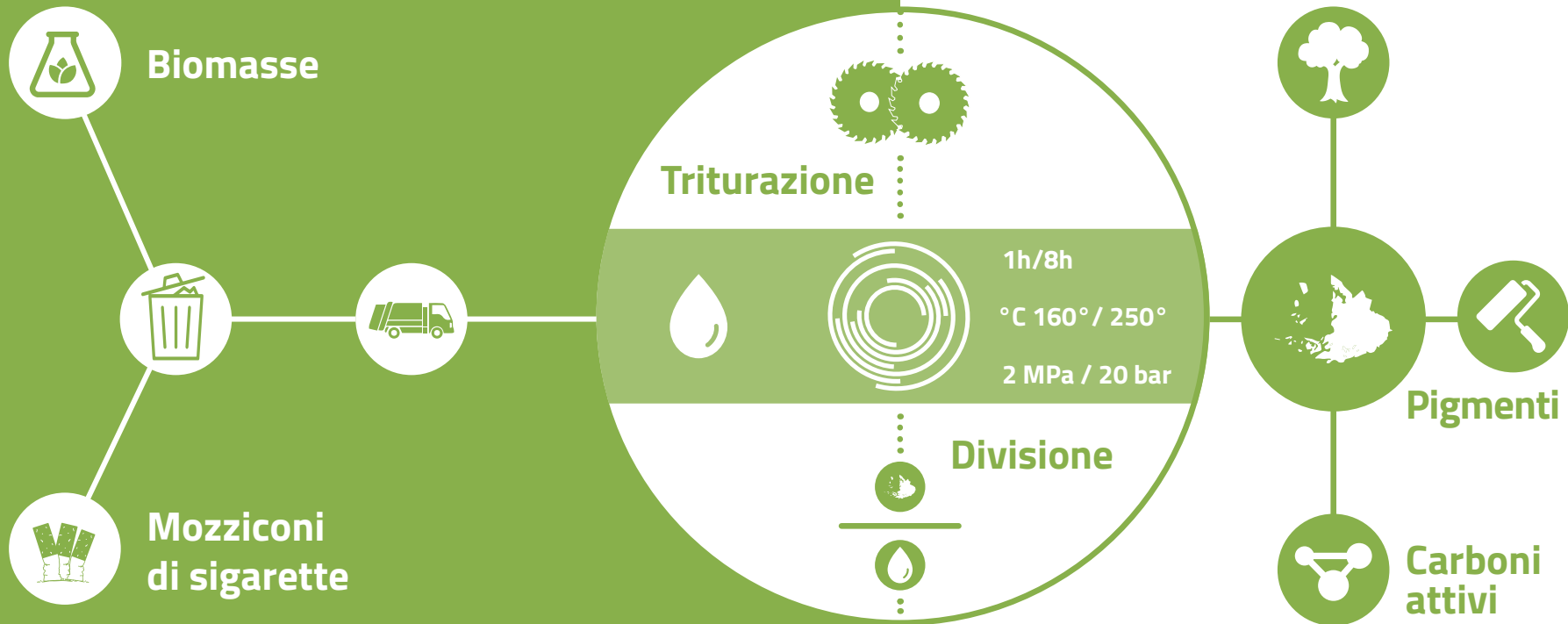
**Dott. Fabio Corradi**  
*Bioingegnere*



# FILIERA ATTUALE



# IL NOSTRO PROCESSO



COLLECTION

BIOCHAR

# CONTESTO DI MERCATO



# SERVICE & PRODUCTS

0,09 € / Kg

RANGE DI PREZZO

MEDIA  
NATIONALE  
0,235 € / Kg

SMALTIMENTO

0,60 € / Kg



CARBONE

ENERGIA

AMMENDANTE

PIGMENTI

CARBONI ATTIVI

CATALIZZATORI

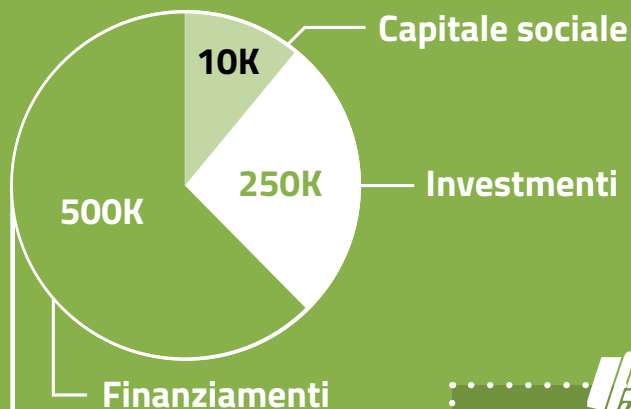
ELECTRODI

0,50 € / Kg

RANGE DI PREZZO

10 € / Kg

# ECONOMICS & FINANCIAL



 ..... Rifiuti trattati  
 - - - - - Guadagni

**COSTI**  
0,5 €/KG  
Spese

**RICAVI**  
0,2 €/KG  
Smaltimento  
3,0 €/KG  
Carbone

2018

2019

2020

2021

# SOCIAL IMPACT

OUTPUT	PARAMETER	2018	2019	2020	2021	TARGET	
<b>SERVICE PROVISION</b>							
	AMOUNT OF WASTES OBTAINED BY ECO2LOGIC (TON/YEAR)	200	1.500	2.000	4.000		
	AMOUNT OF BIOCHAR PRODUCES (TON/YEAR)	60%	120	900	1.200	2.400	
	AMOUNT OF WATER CONTAINING ORGANIC ACIDS THAT IS PRODUCED (TON/YEAR)	40%	80	600	800	1.600	
<b>OUTCOMES</b>							
	ESTIMATE OF UNRELEASED CO2 COMPARED TO TRADITION METHODS	2	400	3.000	4.000	8.000	
	PRICE OF CO2 (METRIC TON)	9,53 €	3.812	28.950	38.120	76.240	
	AMOUNT OF WASTES WHICH DISPOSAL WAS IN CHARGE OF THE COMMUNITY		200	1.500	2.000	4.000	
	DISPOSAL COST FOR THE SOCIAL COMMUNITY	235 €	46.940	352.050	469.400	938.800	
<b>TOTAL OUTCOMES</b>			50.752	380.640	507.520	1.015.040	
<b>TAX</b>							
	ECONOMICAL ACTUALIZED VALUE	2% FOR YEAR	50.752	373.176	487.812	956.495	1.868.236
	INVESTMENT		83.200	52.970	355.165	468.897	
	ACTUALIZED INVESTMENT	2% FOR YEAR	83.200	542.127	341.374	441.852	1.408.553

<b>SROI</b>	
ECONOMICAL ACTUALIZED VALUE	1.868.236
ACTUALIZED INVESTMENT	1.408.553
SROI	1,33

# TEAM SKILLS

**FABIO CORRADI**  
CEO

Laurea  
in bioingegneria



**PAOLO GIUSTO**  
COO

Ph.D student  
in chimica  
dei colloid



**THOMAS VIRDIS**  
CTO

Ph.D student  
in ingegneria  
chimica



**XAVIER FERRARI**  
CCO

Ph.D student  
in eco-design  
sistemico







## NETWORKS



Tecno Ambiente



cdo  
Liguria



# GRAZIE



## Research & Development

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## Comunication

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