



CREATING VALUE

SOLVING THE GLOBAL
ENVIRONMENTAL PROBLEM



DISCARDED

322
MILLION
TONS PLASTIC

Globally

50%



.LAMINATED
PACKAGING
.DEGRADED
.UNIDENTIFIED

Source: Science Advances <https://goo.gl/iaKCQo>

Arqlite Innovation for the planet



INNOVATIVE TECH

RECYCLES ALL KINDS OF PLASTICS
COMPETITIVE COST TO LANDFILLS

Arqlite



#1 ARTIFICIAL GRAVEL

COMMODITY = SCALE

ECO-FRIENDLY & HIGHLY EFFICIENT



ENVIRONMENTAL IMPACT

1 TON PLASTIC = 1 TON ARQLITE

DIVERT PLASTICS FROM ENVIRONMENT

LOCAL PRODUCTION = LESS CO

NO HIDRATION = LESS H2O



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HIGH EFFICIENCY

INERT, FLEXIBLE, DURABLE
10 X INSULATION 3 X LIGHTER

Light Concrete

Drainage

Precast



TESTED & VALIDATED



INTI

Instituto
Nacional
de Tecnología
Industrial

- Ultra light aggregate
- Better elasticity
- No leaching
- Arqlite gravel 0.4 ton/M³
- Expanded clay 0.6 ton/M³
- Mineral gravel 1.3 ton/M³

1M ³ Light Concrete - Proportions 1-3-3		1 M ³ Concrete [Kg]
Mix	Arqlite Gravel	240
	Sand	777
	Cement	200
	Water	180
Mix properties	Water / Cement %	0.70
	Arqlite Gravel %	34
	Settling [Cm]	5.50
	PUV [Kg/M ³]	1397
Concrete properties	Strength 28 days [Mpa]	6.6
	Dry Density [Kg/M ³]	1200



MARKET TRACTION + SCALABILITY



LIGHT CONCRETE



PRECAST



DRAINAGE

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COMPANIES RECYCLING



GRAVEL SALES



GRANTS & AWARDS



Secretaría de Articulación
Científico Tecnológica
Ministerio de Ciencia,
Tecnología e Innovación Productiva
Presidencia de la Nación



Ministerio de Ambiente
y Desarrollo Sustentable
Presidencia de la Nación

ST>RT-UPCHILE

Arqlite Innovation for the planet



COMUNIDAD DE
negocios

LA NACION

CAMPO EMPRENDEDORES EMPLEO INFLACIÓN Y F

Con ayuda, crecieron en mayo la producción y la exportación de autos

ACTIVIDAD ECONÓMICA f t

Redrado: "El dólar está planchado y no hay amenaza de movimiento"

ENTREVISTA EXCLUSIVA f t

Fabrica piedras plásticas que se utilizan en la construcción

PROPIEDADES f t



IRSA lanza el Polo Dot, con una inversión de US\$ 450 millones

ACTIVIDAD ECONÓMICA



Sin trabas, creció fuerte la venta de cosechadoras y

Más de 175.000 visitantes y 11.000 búsquedas: que dejó Expo Empleo Joven 2017

De Messi a Sofía los famosos tienen con sus impuestos





COMPETITION

RECYCLING

Solution	USD/Ton
ARQLITE Recycling	U\$40
Landfilling	U\$30
Incineration	U\$150

GRAVEL

Product	USD/M ³
ARQLITE Gravel	U\$88
Expanded Clay	U\$162
Heavy Gravel	U\$44



MARKET OPPORTUNITY

COMPLEX PLASTIC WASTE

Buenos Aires 72,000 ton/month = \$40M/Y

Los Angeles 136,000 ton/month = \$80M/Y

LIGHT AGGREGATES

Buenos Aires 229,000 ton/month = \$262M/Y

Los Angeles 596,000 ton/month = \$429M/Y

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Sebastian Sajoux: Founder & CEO
Environmental Consultant and Marketing Analyst - Marketing & P.R.
B-Green Env. Consulting (Coca-Cola, Unilever, Danone, GCABA)



Andrés Manzur: CFO
Industrial & Financial planning
Tenaris Operations, Supply Chain, Economic & Financial Planning



Pat Grancelli: Head of Legal
Great experience on legal matters and B2G agreements



Jorge Gordillo: COO
Mechanical Engineer - Production, operations, R&D
More than 40 years of experience in production facilities



R&D



WASHINGTON STATE
UNIVERSITY



Instituto
Nacional
de Tecnología
Industrial

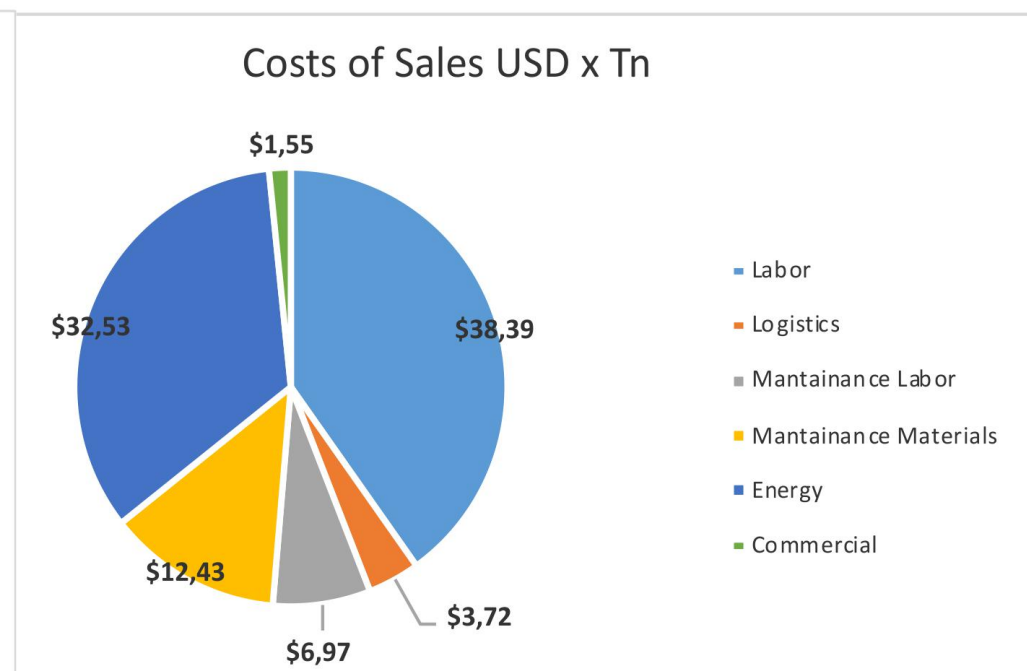
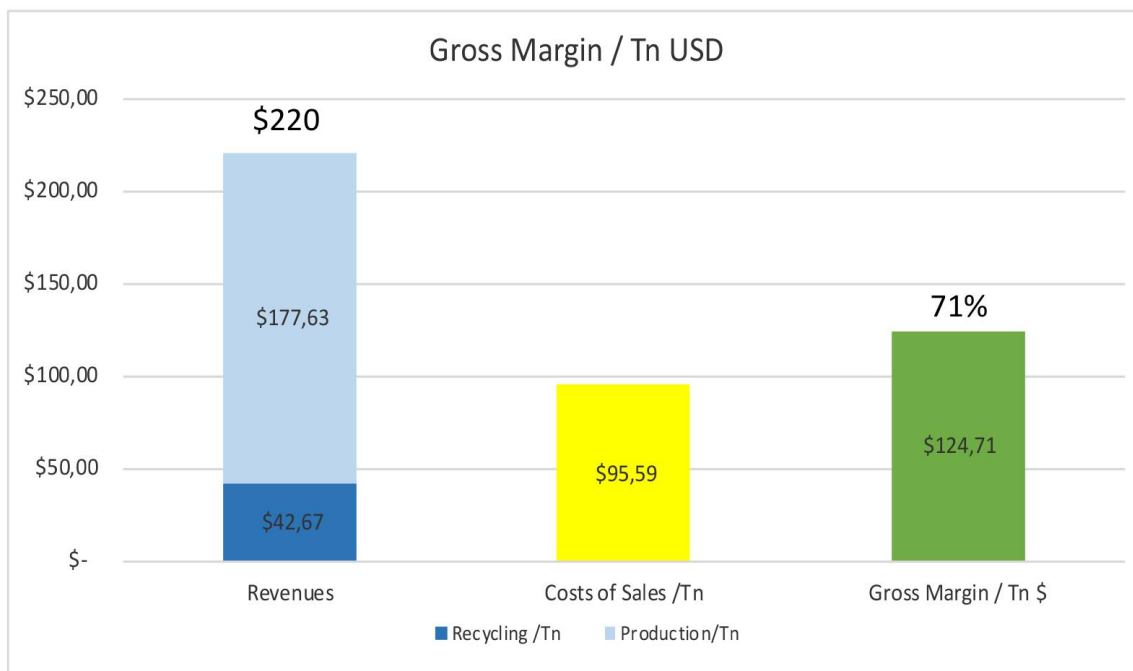
Legal

LexMundi
World Ready

TrustLaw
A THOMSON REUTERS FOUNDATION SERVICE



INCOME MODEL





CAPITAL RAISED

2015 \$20,000 @ \$285,000 valuation

2016 \$200,000 @ \$1,5M valuation

2016-2018 Grants \$200,000

2017-2018 \$464,000 convertible notes
(20% Discount · 4% Interest · \$5M Cap)

Arqlite Innovation for the planet

This slide reflects plans for the future and cannot be guaranteed.



1st to 2nd Q 2017

- Production R&D ✓
- Lab + Field Testing
- Patent USA + Argentina

2019

- 2nd Facility CA, USA
- Partnership MRF
- Scale to 1500 ton/month

2018

- First Scale MVP ✓
- Facility Arg 200 ton/month
- Go to market

2020

- 3rd Facility
- Development New Material
- Development Licensing System

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Join us.

www.en.arqlite.com

info@arqlite.com

 [@arqlite](https://www.instagram.com/arqlite)