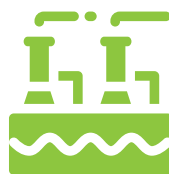


ABOUT

Minbiotech is company that will promote the development of bioplastic project in Azerbaijan.



Bioplastic project in Azerbaijan is a key answer to development of circular economy in the republic and can serve as one of the major catalyst of developing non-oil sectors.

With a need for a great quantity of feedstock, plant which will be based in Mingachavir Free Economic Zone, will stimulate greatly demand for such products as corn and beetroot thus stimulating agricultural sector of the economy. As a spillover effect, these developments in agricultural sector will mean high employment and increased average wages in the country.



Bioplastic project itself will potentially employ around 1000-1500 workers.

Those workers will participate in many professional trainings and tests conducted by internationally renowned multinational company which will further increase human development index in the republic.



Needless to say that products which will be produced at the plant will be sold at European and Eurasian markets (with EU officially banning single use plastics in 2024), meaning that there will be influx in foreign capital to the country.



Furthermore, bio plastic products which will be sold at those markets will help to boost made in Azerbaijan brand.

Last but not least, production of such ecofriendly products will mean that there will be less damage to the environment of Azerbaijan ecological situation in the country overall will be better.

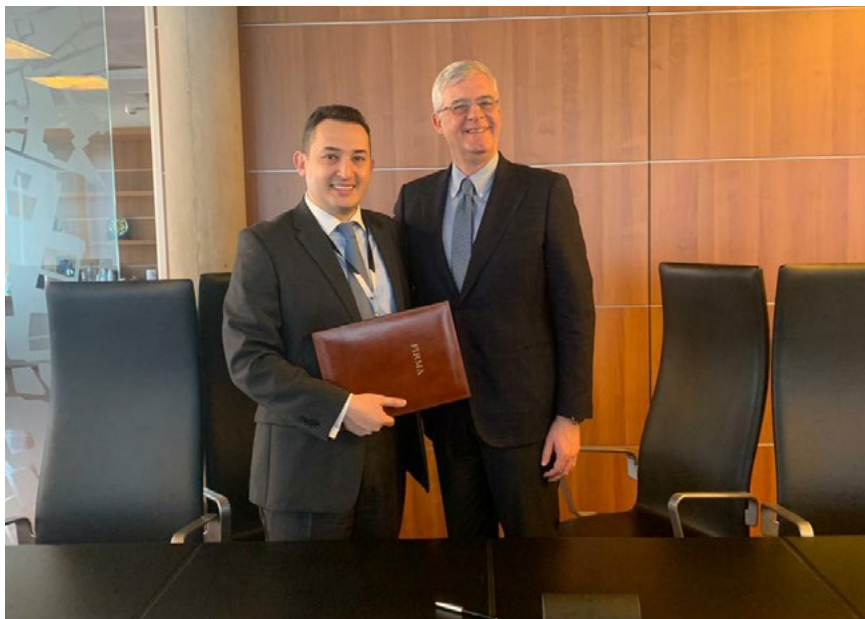
The first BioPlastic plant will be built in Azerbaijan

With the support of the Innovation Agency, “TechnipFMC” and “Yeni Capital” signed a preliminary agreement for the construction of the PLA project.

The document was signed by Tural Kerimli, Chairman of the Board of Innovation Agency, Marco Villa, President of TechnipFMC, Luici Fiorentino, Country Manager of TechnipFMC and Kenan Najafov, CEO of Yeni Capital.



On February 20, 2020, “Strategic framework of bioplastic production in Azerbaijan” was signed a protocol between Technip Italy S.p.A and Innovation Agency.



During the “Fifth Intergovernmental Commission on Economic Cooperation between the Republic of Azerbaijan and The Italian Republic” was held a meeting with various Italian companies; including “Technip Italy”, and their leaders, were discussed potential projects that can be implemented in Azerbaijan. As a result of these productive meetings, was signed a protocol between Technip Italy S.p.A and Innovation Agency.

PROJECT DESCRIPTION

Bioplastic project represents the emergence of a new economic sector and a new industry in Azerbaijan. This project is the first and only bioplastic production within a 5,000 km radius of the region. Project is implemented in cooperation with Technip Italy S.p.A.

PURPOSE

- Creation of new jobs
- Increase of export of non-oil products to the European Union, Middle East and CIS countries
- Inflow of foreign currency into the country
- Improvement of the overall environmental situation in the country
- Increase of budget revenues
- Import of new technologies to the country

IMPORT/EXPORT POTENTIAL

Export of bioplastic products to European Union, Turkey, Middle East and CIS countries

AMOUNT OF RAISED INVESTMENT

500.000 AZN

CONSTRUCTION PERIOD

2020-2023

PROJECT'S ECONOMIC INDICATORS

IRR

36%

CAPEX

€ 200,000,000

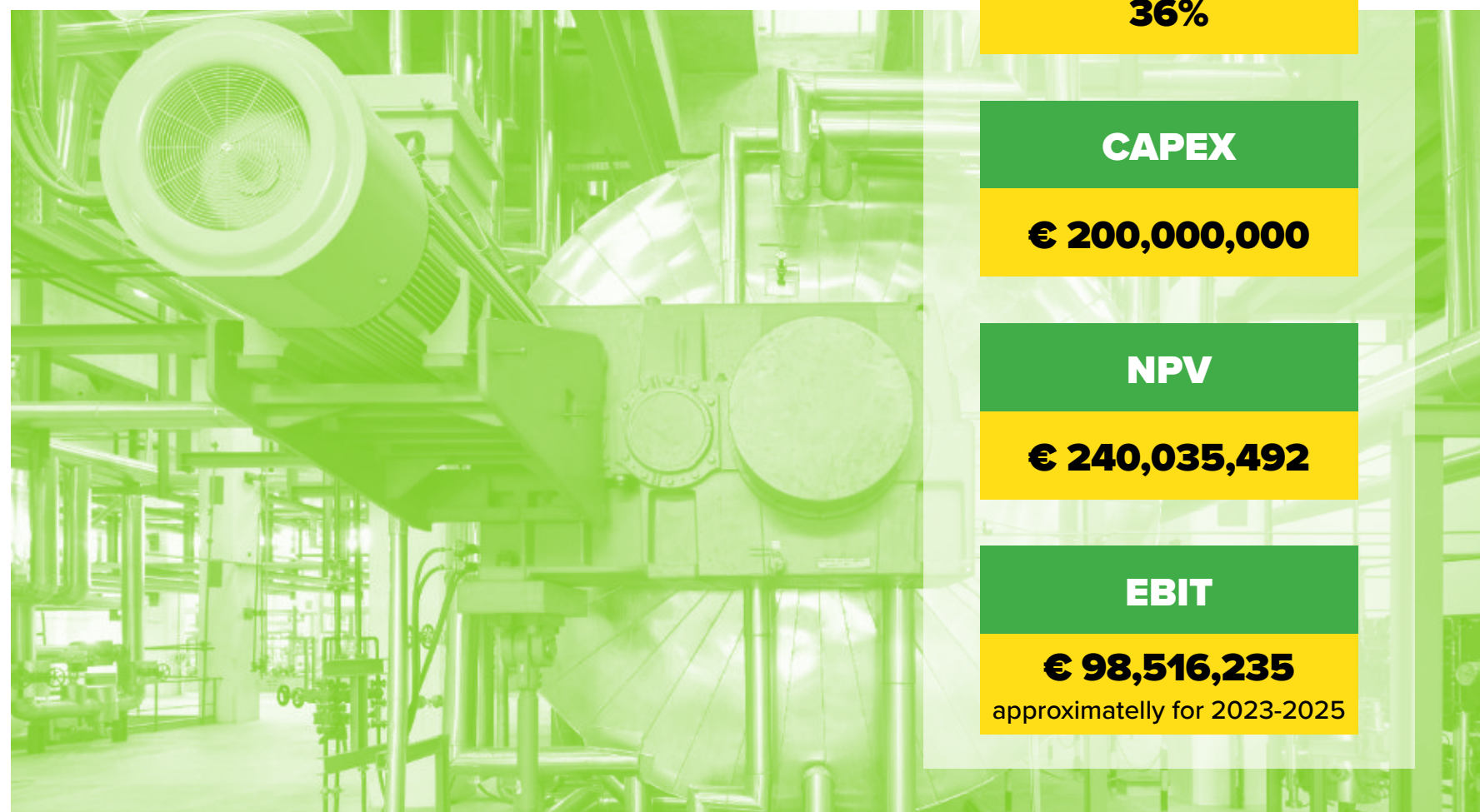
NPV

€ 240,035,492

EBIT

€ 98,516,235

approximately for 2023-2025



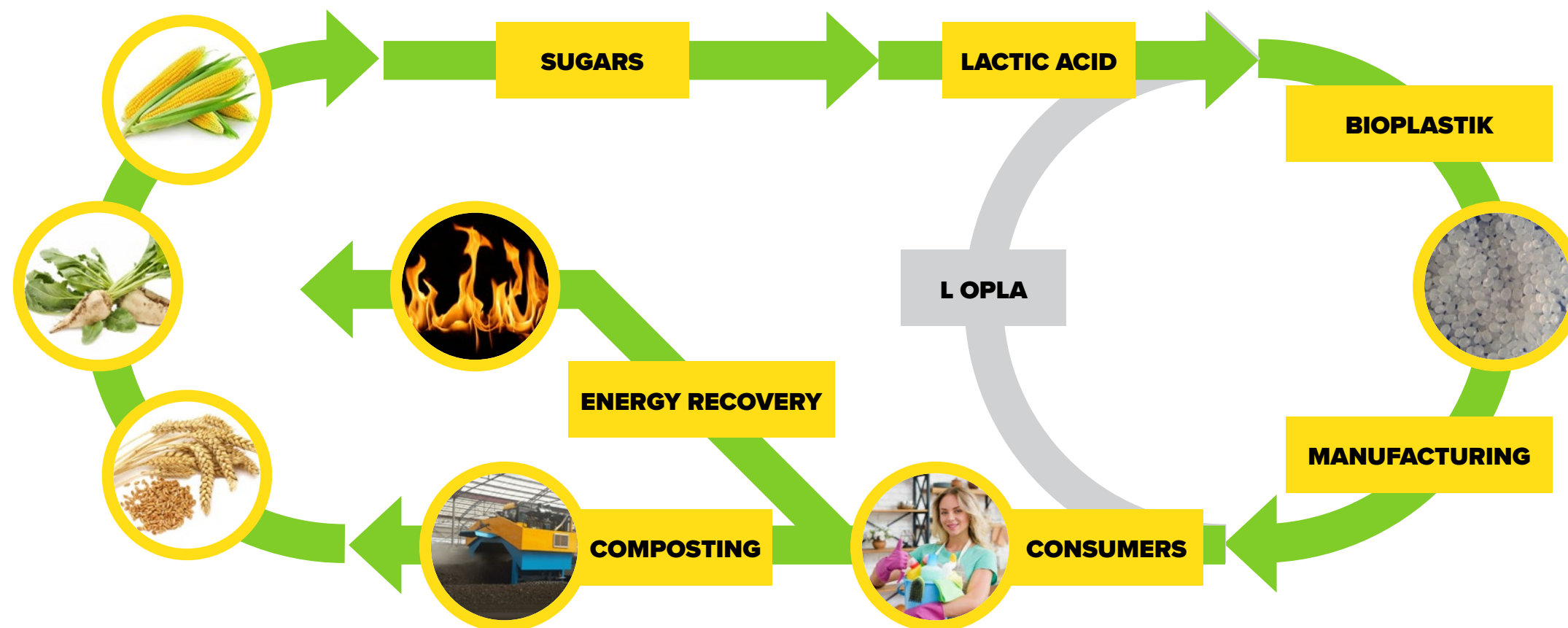
WHY BIOPLASTIC?

Bioplastic is a versatile bio-based and biodegradable polymer that can replace petroleum-based plastics in a wide range of applications.



Bioplastic is obtained from sugars through the combination of different process steps which require specific know-how and capabilities: fermentation, purification, oligomerization and polymerization.

TECHNIP FMC WITH ITS PARTNERS IS ABLE TO OFFER A FULLY INTEGRATED PROCESS TO PRODUCE BIOPLASTIC FROM BIOMASS



Bioplastic **is fully recyclable** therefore the used material can be entirely recovered and re-used.

This would enable to reduce the consumption of fresh feedstock **increasing strongly the economics.**

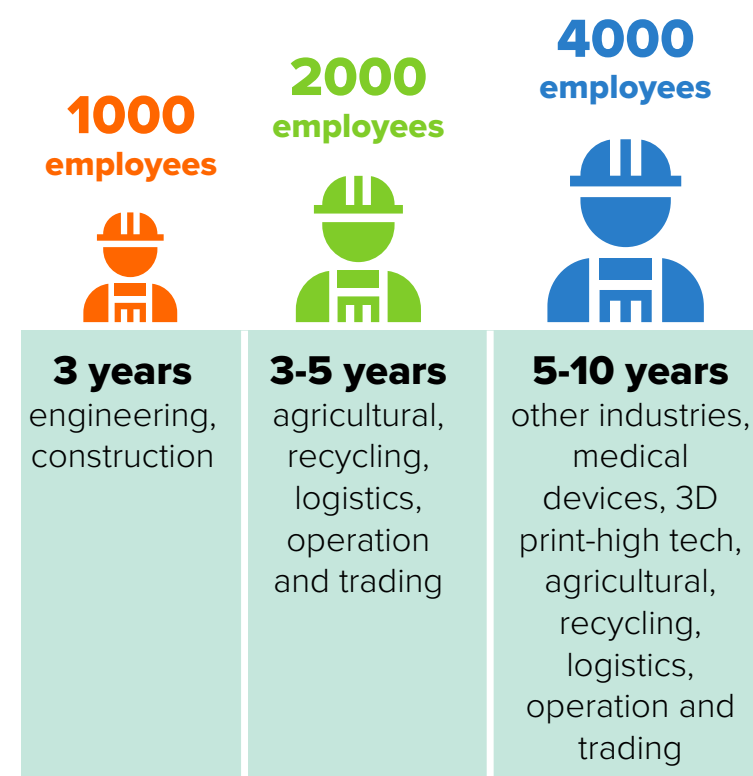
The current situation about the spread of COVID-19 (coronavirus disease) again showed the importance of the development of non-oil sectors, especially the development of technological industry

Process of recycling and reusage of Bioplastik from biological masses

Influence of Bioplastic industry on other industries



Employment by industries



LEADING PRODUCERS OF BIOPLASTIK IN THE WORLD

NatureWorks (USA)

A biopolymer supplier producing advance materials from renewable resources. NatureWorks offers environmentally friendly materials which combine comparable properties and competitive price to those from oil-based plastics.



WeforYou (Germany)

A developer, producer, and consultant of biopolymers and sustainable packaging solutions. WeforYou offers pure Bioplastik bags, as well as Bioplastik compounds. A laboratory and compound service is readily available as well.

Corbion (Netherlands)

With their Luminy Bioplastik resins, Corbion offers high-performance resins compliant with bioplastic regulations. These include approved for food contact, the standard for industrial composting, 100% bio-based, produced from GMO-free crops, and reduced carbon footprints.



Evonik (Germany)

Seeking to tackle today's healthcare needs, Evonik offers new products in the pharmaceutical and medical device market places. Its products include bio-absorbable polymers for orthopedic, cardiovascular and dental membranes among other medical devices.

STAKEHOLDER GROUP STRUCTURE

20%

Innovation Agency
Azerbaijan

Support
Land
Tax
GR relations

First round funding
\$5,000,000



80%

Yeni Kapital
Investment Company

Investment
Governance
Sales
Capital raising & funding

Initially raised
\$2,000,000
committed by Yeni Kapital

Reservation fee
10%
of investment sum