



**ReFork**

# WHITE PAPER

ReFork  
2.0

# Preclose

Whitepaper ReFork 2.0 is created as a continuation of the first version of the ReFork whitepaper. We are releasing an updated version mainly due to the extension of EFK token functions, as well as significant progress in ReFork research and development. In version 2.0 you will also find milestones in the production and development of ReFork.



“ We bring  
a green solution  
to the global  
plastic  
problem. ”





# Executive summary

Disposable plastics have been destroying the planet, including marine life, for decades. More than 8.3 billion tons of plastics<sup>1)</sup> have been produced since 1950, and production is rising every year. Only 9% of all plastics produced were recycled<sup>2)</sup>. The average person unknowingly consumes about 70,000 microplastic particles each year, and over a million seabirds and other marine animals die as a result of ingesting plastics. Disposable plastics are becoming an undesirable component of the 21st century, which has not yet had a suitable alternative. International organisations (Directive of the European Parliament and the Council of the EU 2019/904) have begun to respond to the critical state of the planet through restrictions and are beginning to look for suitable alternatives to replace disposable plastics.

After more than two years of research, ReFork has developed a 100% biodegradable material and at the same time is developing the production of end products that will serve as a suitable alternative to disposable plastics. ReFork products are suitable for use in the gastro-packaging industry, dental hygiene, healthcare or automotive.

By 2022, ReFork wants to reach 10% of the European market for biodegradable products and gradually enter the Asian and US markets. In order to create a strong global community, ReFork decided to use tokenization and created EFK token. It works as a multi-function global virtual voucher that allows anyone around the world to work with ReFork, spread their vision and earn rewards depending on the number of EFK tokens held.

“We are ready to become a full-fledged alternative to disposable plastics and help significantly reduce Earth's pollution.”

Josef Žádník | CEO

1) <https://resource.co/article/83-billion-tonnes-plastic-produced-1950-say-researchers-11997>

2) <https://www.nationalgeographic.com/news/2017/07/plastic-produced-recycling-waste-ocean-trash-debris-environment/>

# Content

ReFork	6
Team	10
Market overview	13
Opportunity and the ReFork solution	20
Research and Development	24
Production	27
Competitors	29
Go to market	31
SWOT analysis	33
Partners	36
Tokenization	38
EFK Token sale	46
Legal	49



# ReFork

## The ReFork Mission

ReFork wants to globally prevent the use of disposable plastics and protect the planet Earth from the consequences of excessive plastic waste. Everyone should be able to use biodegradable products for their needs, which will make their lives easier and at the same time will not burden the planet with hard-to-decompose waste.

## Vision

The vision of the ReFork project is to improve the ecological situation on Earth by producing biodegradable products and replacing disposable plastics. ReFork wants to enable people around the world to live everyday life without disposable plastics and to achieve a 10% share of the European market for biodegradable products by 2022. The ReFork material will be suitable for use in the packaging industry, but also in the field of dental hygiene, healthcare and automotive. As part of the ReFork project, the EFK token was created. The token will enable its holders around the world to actively participate in the emergence of a global market for biodegradable products.

## History

The idea of ReFork arose in 2016 as a result of long-term research into materials and the possibility of their use as an alternative to disposable plastics. An important reason that led to the emergence of ReFork and the beginning of the search for alternatives to disposable plastics was the global problem with plastic waste and its impact on the environment. Equally important were the planned governmental and international restrictions on the production and sale of plastics. Thanks to many years of experience in a family company engaged in the production of plastic parts, the founder Josef Homola was always close to testing various materials. He gained experience in the production of parts on hand-held machines, which eventually became the basis for the discovery of the first version of the ReFork material.



**ReFork**

## Company structure

The concept of ReFork brings together three companies that together fulfill the vision and goals of the project itself. Every company plays an irreplaceable role in the project.

### **REFORK SE**

CZECH REPUBLIC

Owner of the intellectual property of the ReFork project. The company is responsible for the development of biodegradable materials and technological innovation. REFORK SE sets the strategy for the project, including the timing of entering new markets and developing the product portfolio.

### **Refork Industries OÜ**

ESTONIA

Refork Industries OÜ is the owner of the smart contract (security software protocol), on the basis of which the EFK token was programmed. It is an importer of ReFork products for the Baltic countries, Scandinavia and the countries of the former Soviet Union. It is the exclusive party for the full use of EFK tokens and a reseller of ReFork products for EFK tokens.

### **Refork Distribution s.r.o.**

CZECH REPUBLIC

Subsidiary of Refork Industries OÜ and REFORK SE. It is a material processor and manufacturer of ReFork end products. It plays a key production role for entering the market of biodegradable products.





## Refork Industries OÜ – Why Estonia?

For the company owning the smart contract, the head office in Estonia was chosen after careful selection. Thanks to the long-term process of digitization of the Estonian state administration, communication with authorities and administrative institutes is very easy and takes place completely electronically. At the same time, Estonia is a member of the EU, the Eurozone and a signatory to the Schengen Agreement. All these facts mean significant time and financial savings and legal predictability for the management of the company. Not only in Europe, Estonia is considered a leader in technological innovation and the startup scene. Another indisputable advantage of the Estonian jurisdiction is the friendly corporate tax code, which allows for the most efficient use of the funds obtained and their reinvestment within the company itself. Estonia also has a large number of double taxation agreements restrictions (DTAAs).

Due to the geographical location of Estonia, it is also a suitable location for expansion to the Scandinavian countries and Russia.

## Company details:

### Address:

Harju maakond, Tallinn,  
Kesklinna linnaosa,  
Viru väljak 2-Metro Plaza,  
10111

### Company Director:

21. 04. 1988  
Martin Král

### Board member and AML officer:

18. 07. 1980  
Anna Vitol



### Source:

[yourcompanyinestonia.com/is-estonia-the-right-solution-for-my-business/](https://yourcompanyinestonia.com/is-estonia-the-right-solution-for-my-business/)  
[www.uniwide.biz/offshore-jurisdictions/estonia/](https://www.uniwide.biz/offshore-jurisdictions/estonia/)



# Team

## Top Management



**Josef Žádník**  
**CEO (REFORK SE)**

Josef the CEO of ReFork graduated from the Czech Technical University in Economics and Energy management. He gained a lot of experience while studying at Zhejiang University in China. Josef worked as the director of Deloitte's strategic team, where he was in charge of projects in the energy, transport and manufacturing industries. He also previously worked for the consulting companies PwC and Roland Berger, where he focused on strategic consulting in the energy and transport sectors.



**Josef Homola**  
**Founder of ReFork (REFORK SE, Refork Distribution s.r.o.)**

Josef the founder of ReFork started his career in the family company Plast - K s.r.o., which has been producing components for Euro windows throughout Europe since 1993. Josef is the director of production and development of the ReFork material. He is also responsible for technology, production and setting up the smooth operation of all ReFork technology industries.



**David Zabadal**  
**CFO (REFORK SE)**

David the CFO at ReFork graduated from Economics and Management at the Brno Business International School. He has more than 10 years of experience in banking and has worked for ČSOB and Raiffeisenbank, among others.



**Zbyněk Prokšán**  
**R&D (REFORK SE)**

Zbyněk the Director of R&D at ReFork graduated from the University of Economics in Prague and devoted his entire career to research in chromatography, microbiology, and shaping of materials. He has excellent knowledge in the high-energy grinding of organic and inorganic materials.



**Martin Král**  
**Company Director (Refork Industries OÜ)**

Martin graduated from the Faculty of Law in Pilsen. He is the director of Refork Industries OÜ and manages the operation of this company. His key activity is to set up tokenization scheme and EFK token functions.



**Anna Vitol**  
**Board member and AML officer (Refork Industries OÜ)**

Anna is a member of the Board of Directors of Refork Industries OÜ. She is also responsible for AML processes and represents the company's business relations in Estonia.

## Other team members

### **Thomas Blaho**

Mentor

### **Ondřej Holický**

Head of Controlling

### **Ondřej Veselý**

Sales Director

### **Ondřej Vomela**

CMO

### **Ondřej Plánička**

Legal Advisor

### **Jan Pavelka**

Legal Advisor

### **Tomáš Smetka**

CTO, IT development

### **Dan Beseda**

Product manager

### **Petr Böhm**

Project manager

### **Michal Vlasák**

Crypto specialist



# Market overview



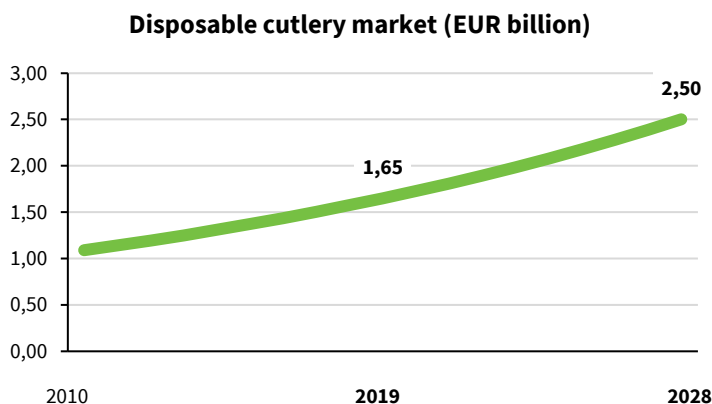
## Disposable cutlery and market size

We decided to focus first on the material that comes into contact with food. We believe that currently the food market has the greatest need to find an alternative to disposable plastics because:

- A) Food and gastronomy is one of the largest consumers of these products.
- B) Governments around the world restrict plastic single-use products , and most of them are used in the gastro segment.

## Every year, people use around 1 trillion pieces of disposable cutlery<sup>1)</sup>

According to the FMI<sup>2)</sup>, the disposable cutlery market was valued at € 1.65 billion in 2019. By 2028, the market is expected to grow to € 2.5 billion (with a European market share of 30%). Europe accounts for one third of the total annual world consumption of 1 trillion<sup>3)</sup> pieces disposable cutleries.



More than 80% of disposable cutlery is made from conventional plastics such as PP<sup>4)</sup>, PS<sup>5)</sup> and, PE<sup>6)</sup>. Although there is a clear shift towards more sustainable materials such as wood, these materials represent only 9% of the total consumption. The rest is made from PLA and other plastics, which have their own issues and are most likely going to be banned under the new regulations.

1) This volume includes pieces of cutlery such as a fork, knife, spoon, needle, etc

2) Future Market Insights (FMI) provides actionable business intelligence in the form of Syndicated Research reports, Custom Research reports, and Consulting services.

3) Future Market Insights - Disposable Cutlery Market - Global Industry Analysis 2013-2017 and Opportunity Assessment 2018-2028; November, 2018

4) Polypropylene (PP) is a thermoplastic "addition polymer" made from the combination of propylene monomers.

5) Polystyrene (PS) is a plastic used in a variety of situations, including construction, laboratory equipment and food packaging.

6) Polyethylene (PE) is a thermoplastic polymer with a variable crystalline structure and a vast range of applications depending on the particular type.

While wooden cutlery is definitely more environmentally friendly than plastic, it faces three serious problems:

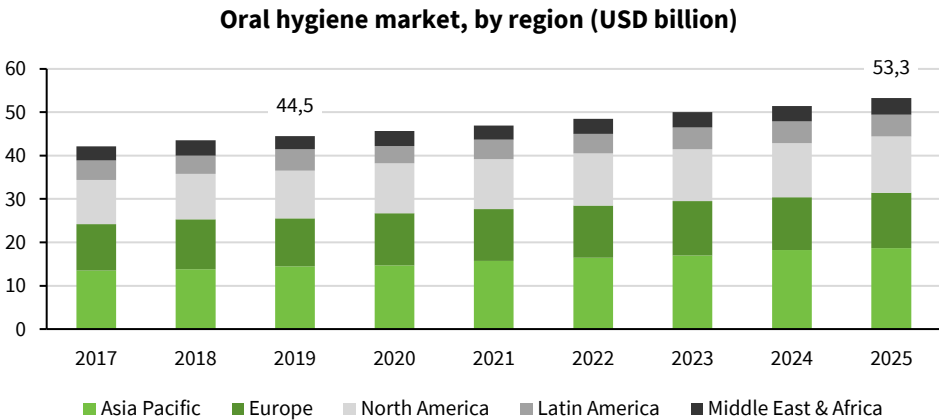
1. The production process has its limits. It will therefore be difficult to produce enough wooden cutlery to meet global demand.
2. Wooden cutlery has limited usability (shallow spoon, blunt knives and forks with thick points) and low ergonomics (chips, uncomfortable grip).
3. Wooden cutlery is made mainly of primary material (wood) and increases the requirements for its extraction.

Thus, there is a huge opportunity for a new sustainable material that can provide an alternative to current disposable cutlery made of plastic.

## Dental hygiene

Today, disposable plastic products have place in society because they are in many cases more hygienic than reusable products. Hygiene became one of the most discussed topics during the COVID-19 pandemic. There is no doubt that it is the increase in hygiene standards that has become a new social trend that reduces the risk of infection.

Hygiene is an area where a large number of disposable products are used, which are harmful to the environment but are necessary to maintain safe hygiene. Dental hygiene offers a plethora of products, such as interdental brushes, toothbrushes, including children's toothbrushes, and more. The global market for dental hygiene products is worth \$ 40 billion (2018) with a CAGR of over 4 %<sup>1</sup>. By 2025, it should reach over \$ 55 billion.



1) [www.marketsandmarkets.com/Market-Reports/oral-care-market-80546246](https://www.marketsandmarkets.com/Market-Reports/oral-care-market-80546246).

Produced more than  
**300 million tons** of plastics in 2019.<sup>1)</sup>

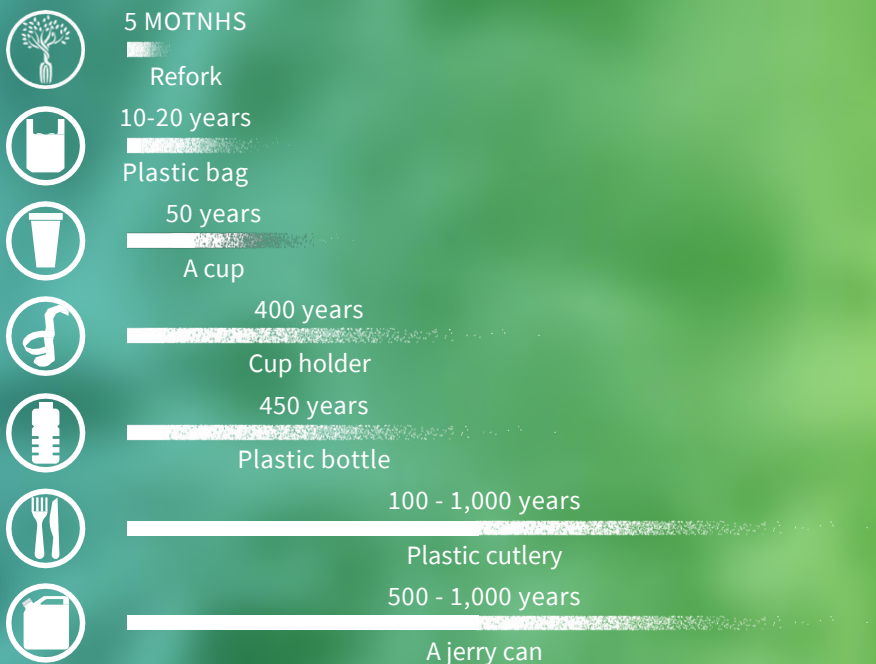
Only **9 %** gets recycled.<sup>2)</sup>

The decomposition of plastics  
takes up to **1,000 years**.<sup>3)</sup>

**40 %** of produced plastics  
is food packaging.<sup>4)</sup>

More than **40 %** of total produced plastics  
are used only once.<sup>5)</sup>

### Decomposition time of plastic products<sup>3)</sup> vs ReFork



1) <https://www.brinknews.com/quick-take/plastic-production-on-the-rise-worldwide-declining-in-europe/>

2) <https://www.nationalgeographic.com/news/2017/07/plastic-produced-recycling-waste-ocean-trash-debris-environment/>

3) [https://www.keepcasscountybeautiful.com/images/PDF/Recycling/how\\_long\\_does\\_it\\_take\\_garbage\\_to\\_decompose.pdf](https://www.keepcasscountybeautiful.com/images/PDF/Recycling/how_long_does_it_take_garbage_to_decompose.pdf)

4) <https://www.nationalgeographic.com/news/2018/05/plastics-facts-infographics-ocean-pollution/>

5) <https://www.nationalgeographic.com/news/2018/05/plastics-facts-infographics-ocean-pollution/>

## The current problem

World plastics production is increasing every year. In 2019, over 300 million tons of plastic was produced. However, only about 9% is recycled. The rest of the plastic is used for energy, ends up in the landfills, nature, seas or oceans. The waste that end up in seas and oceans inconspicuously kills marine animals and pollutes the environment. The plastic island in the Pacific Ocean is larger than France, Germany and Spain combined. It takes up to 1000 years for plastic to decompose in nature. More than 40% of all plastics produced are used only once. The planet is currently in such a state that the average person consumes tens of thousands of microplastics a year unknowingly, and over a million seabirds and animals die as a result of ingesting plastics. If the production of plastics does not decrease radically, then by 2050 marine life will be completely extinct. The available alternatives to disposable plastics in the form of wood material are still unsatisfactory and fail to meet global demand.

Source: <https://www.globalcitizen.org/en/content/plastic-pollution-facts/><https://www.nationalgeographic.co.uk/10-shocking-facts-about-plastic>.

## The market forecast

The legislative restrictions on the production and sale of disposable plastics are starting to come in place. The problem with disposable plastics is being actively addressed by international organizations (such as EU), which want to stop the uncontrollable spread of plastics with their recommendations and regulations. Companies will have to find an alternative that will fully replace disposable plastics and be able to meet the enormous expected demand. States will start financially supporting projects that will develop suitable alternatives. ReFork will have a unique opportunity to occupy a substantial part of the market for biodegradable products and by 2025 will operate on 3 continents (Europe, Asia, America).

# Trends

1. Legislative
2. Customer
3. Market

## 1. Legislative

The problem with plastics affects all countries in the world. While most of them are aware of the enormous consumption and the problem of plastic waste, some states or international organizations have already adopted legislative restrictions on the production or sale of plastic products.

Probably the most important measure taken so far is:

### Directive of the European Parliament and of the Council of the EU on reduction of the impact of certain plastic products on the environment.

---

The aim of the directive is to limit the production and sale of disposable plastic products, which can be replaced and thus support the transition to the production of products from natural materials.

The Directive defines disposable plastic products as products made either wholly or partly of plastic and at the same time serves only for single use (or short-term).

#### **Plastic products to be banned under the Directive include, for example:**

- Cutlery (forks, knives, spoons, chopsticks)
- Plates
- Straws
- Beverage mixers
- Petroleum products (oxo-plastics)

#### **Validity of the Directive**

The directive must take the form of a law in EU countries by 3 July 2021.

*Directive: <https://eur-lex.europa.eu/legal-content/CS/TXT/?uri=CELEX:32019L0904>*

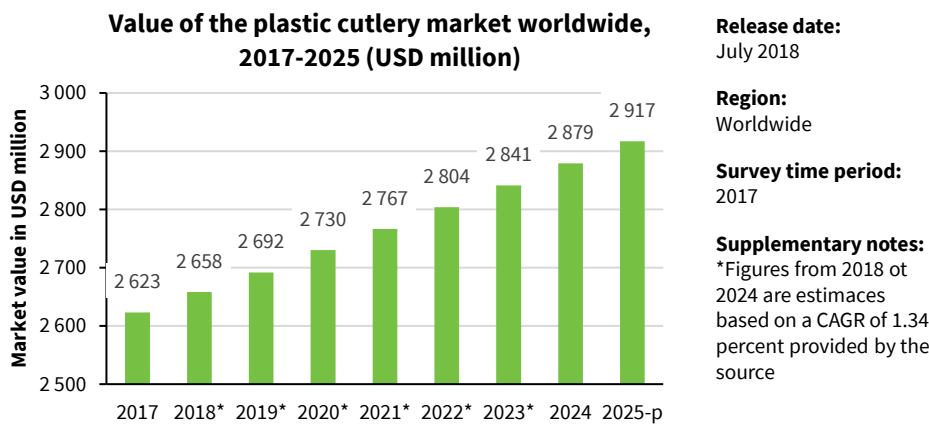
## 2. Customer

The trend of restricting disposable plastics is not only the subject of restrictive measures by the authorities. We can observe a significant shift in the thinking of end customers who are beginning to prefer biodegradable products. This trend has also indirectly affected global companies (Starbucks, Costa Coffee). For example Starbucks offer the opportunity to take away the created product (coffee) in your own ceramic mug and the use of a disposable plastic cup is charged.



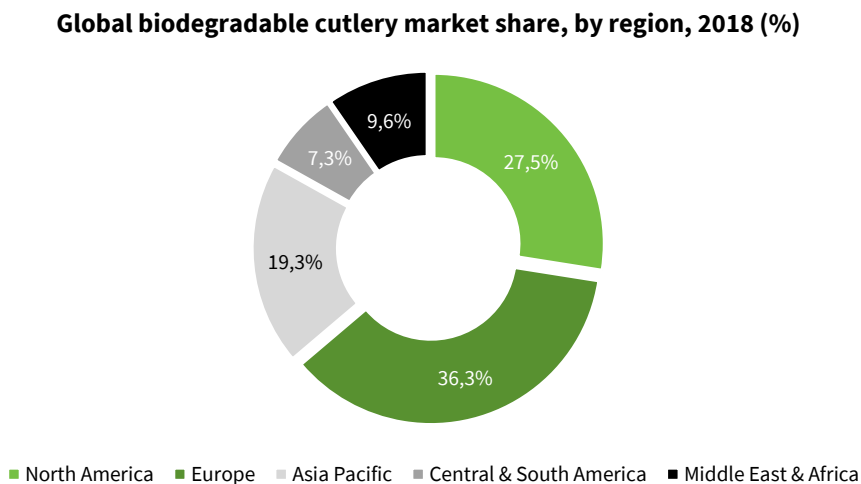
### 3. Market

The market for disposable cutlery made from plastic is growing every year. However, the market for alternative materials is also growing, as they are gradually entering the market for disposable cutlery and increasing their market share. In addition, it can be assumed that with the forthcoming restrictions on the production and sale of disposable plastics, the position of plastic cutlery will decline until eventually replaced by alternative materials.



Source: <https://www.statista.com/statistics/935888/plastic-cutlery-market-value-worldwide/>

Europe, together with North America, forms the largest part of the market for the consumption of biodegradable cutlery. European market share can be expected to increase in response to the EU Directive of the European Parliament and of the Council on the reduction of the environmental impact of certain plastic products.



# Opportunity and the ReFork solution

Whether it is the forthcoming ban on disposable plastics under Directive of the European Parliament and the Council of the EU or the revolving trend in consumer perceptions of plastic products and the related "eco-friendly" policy of global companies, the world is at an imaginary crossroads in the treatment of disposable plastics.

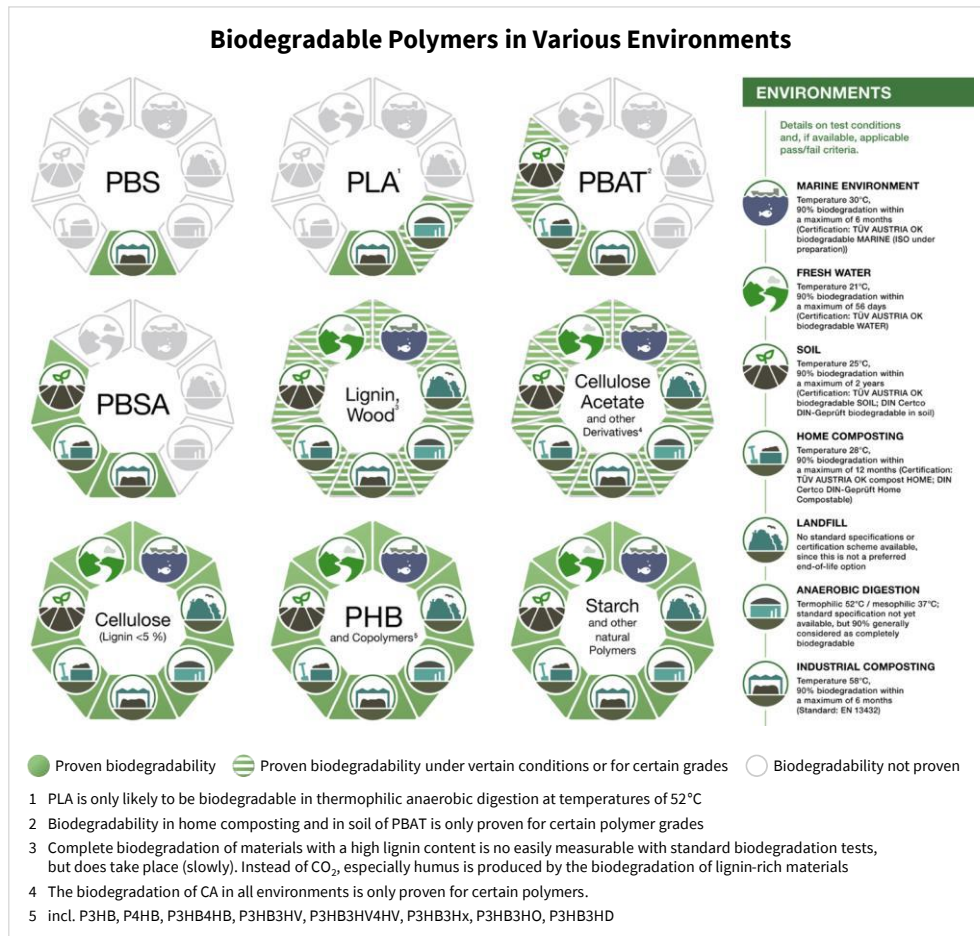
## The ReFork product

The ReFork project has been working for almost two years on an issue that aims to solve the global plastic problem. Thousands of tests were carried out throughout the process, with ReFork R&D experts focusing on the process of bonding the primary materials. These are divided into three essential components, namely wood, biopolymers and natural additives. Thanks to the unique processing procedure on our ReFork MTI devices, we managed to combine these components so that they created a perfect granulate. This granulate blend has no competition in the current environment of solving problems with plastics.



## Biopolymers

The essential component that is part of the ReFork material is a biodegradable biopolymer. These biopolymers are called binders and they are further scaled to different species with different properties, see the following image:



Source: <https://bioplasticsnews.com/2020/02/19/biodegradable-polymers-in-various-environments/>

### Thanks to our innovative material, our products have unique features.

- ReFork products are more environmentally friendly than products made of plastic, biopolymer and primary wood. They are fully biodegradable. At the same time, the material for production comes from local sources, which effectively reduces the carbon footprint. In addition, we use wood flour, minerals and binders to take full advantage of the circular economy.
- The products have a natural color aesthetic and a neutral scent. Wood fibers are also visible on the products.
- ReFork material has high production variability. This allows us to have more aesthetic and functional products than products that can be made from other sustainable materials, such as wood or paper. The method of production allows us high scalability, which will facilitate the wide availability of products to the public.



# ECOLOGY

Biodegradable products with a low carbon footprint.

---

# AESTHETICS

Natural look thanks to the combination of wood, natural colors and neutral aroma and taste.

---

# FUNCTIONALITY

Designed for the best functionality.

---

# ACCESSIBILITY

The products are available for everyday use.





# Research and Development



“I am convinced that the use of natural starches for ReFork materials can be achieved without chemical modification.”

Zbyněk Prokšán | R&D

## **ReFork has undergone rapid technological development**

ReFork has undergone a relatively long development, both in the field of material development and production technology. We have chosen the path of optimization of existing production technologies and equipments and their subsequent modification for the needs of ReFork.

## **ReFork has developed exceptional material**

We are one of the few companies in the world that can create biodegradable material that:

- can be used for mass production
- is price competitive

The basic material contains 50 % by weight of biopolymer (in some variants of the material we also reach the level of 30 % by volume of biopolymer).

### **This remarkable result was achieved on the basis of two basic facts:**

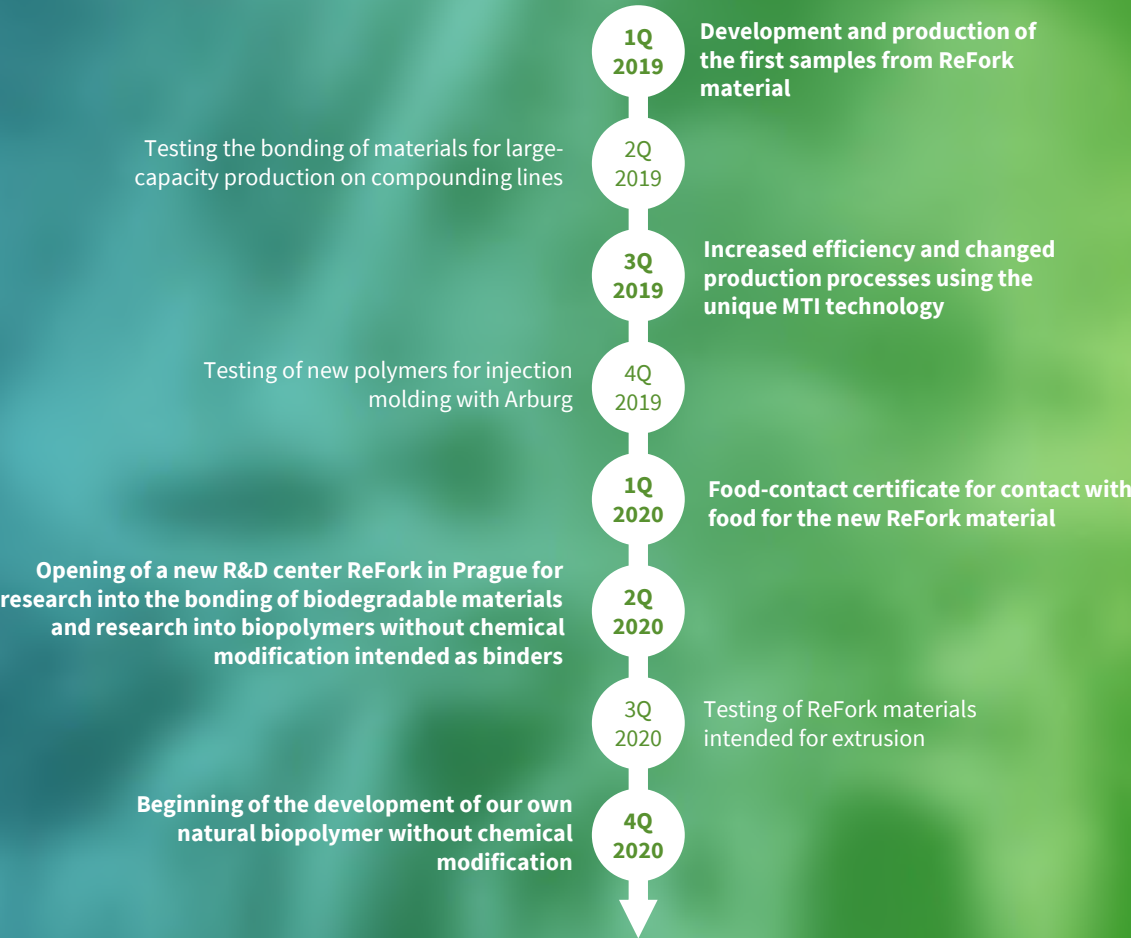
- A. Cooperation with BIO-FED and joint development of a biopolymer, which is exclusively supplied to ReFork.
- B. Based on the development of MTI technology (a unique technology for blending material that helped us rapidly and effectively test various biopolymers and additives).

ReFork currently uses biopolymers from BIO-FED, ReFork’s main partner in this field. ReFork has been cooperating with BIO-FED for almost two years, and thanks to this, BIO-FED has created a blend, which consists of several biopolymer components and is only supplied to ReFork. The goal of the ReFork project is to develop its own way of bonding ReFork material on the principle of starches and sugars, but without chemical modification.

In its development, ReFork does not rely only on its own development and research capacities, but also consults and tests individual materials and products with universities such as the University of Chemical Technology in Prague, Tomas Bata University in Zlín or Mendel University in Brno.

ReFork plans to launch a research and development center by the end of 2020, where it will concentrate on the development of new materials. This development center will also be open to cooperation with external capacities, especially from the university and industrial world.

# R&D roadmap

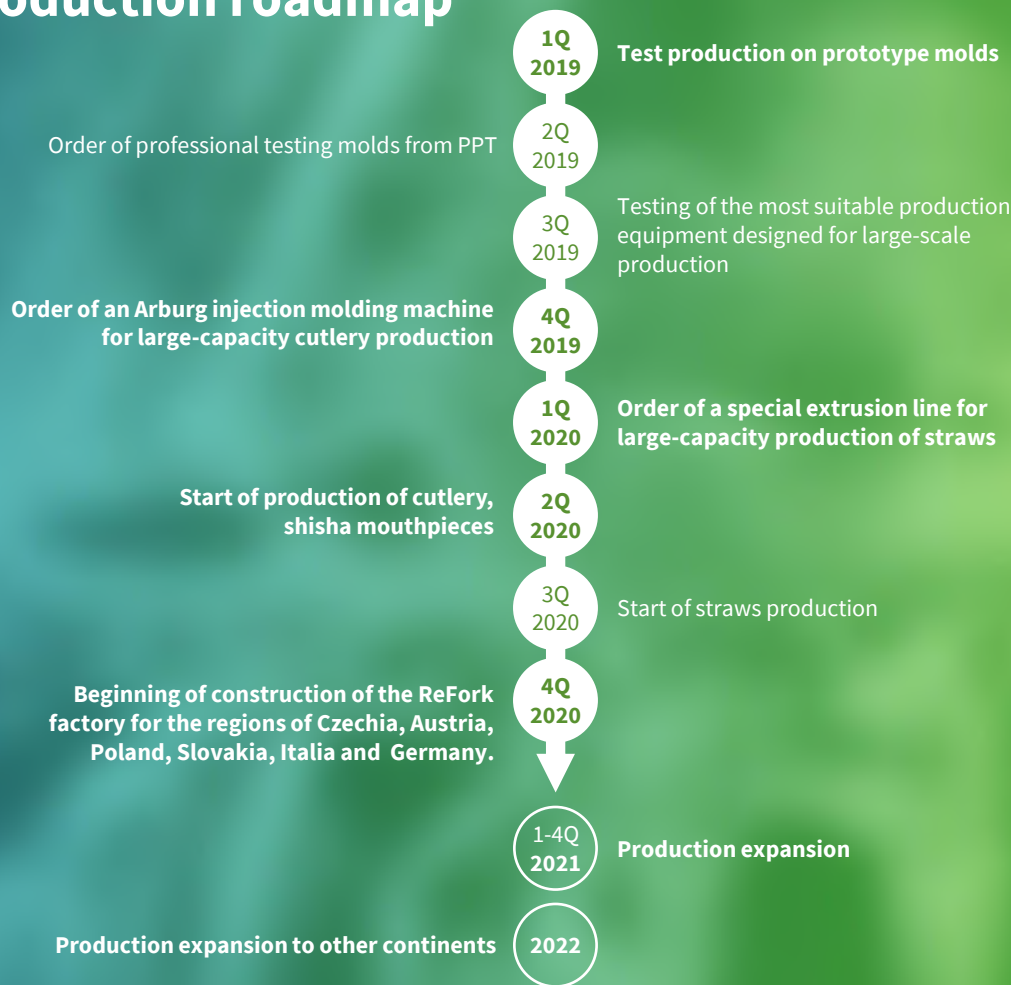




# Production

The main goal of our project is to produce products from 100% biodegradable material. The only suitable way to mass produce end products is to use technologies and production processes that do not differ from the production processes of conventional plastics. ReFork materials have different parameters compared to conventional plastics. It was necessary to select and adapt ReFork materials with production technologies so that these two quantities can be put into smooth large-scale production. This issue was resolved, mainly thanks to the efforts of our experts from the ReFork R&D division and the ReFork production division. At present, the company has materials that can be used in the production process of injection and extrusion molding. A material that can be used in the thermoforming process is being currently developed.

# Production roadmap







# Competitors

There are currently three types of competition for ReFork: reusable cutlery, wooden cutlery, and cutlery made of biopolymers. First, reusable cutlery is widely used and popular; but there are situations where disposable ones are cheaper and more hygienic. We expect that some consumers will continue to use reusable cutlery. People in Europe alone consume 312 billion cutlery a year, mostly made from conventional plastics, which will need to be replaced.

Second, wooden cutlery is a sustainable and disposable alternative to plastic cutlery. Even though their market share will increase in the coming years, they have some disadvantages in their use. Wooden cutlery has large fork tips, blunt knives and shallow spoons. In addition, they can affect the taste of food and endanger safety due to falling chips from cutlery. Wooden cutlery will therefore be used for customers with a lower demand for comfort.

Last but not least, the competition produces disposable cutlery from biopolymers. According to the current interpretation of the European directive on reducing the environmental impact of certain plastic products, most biopolymers will be banned. In addition, biopolymers are becoming more widespread, which will ultimately have an impact on product prices. In contrast, ReFork's primary raw material is wood waste and minerals.

# The ReFork solution is **UNIQUE.**

---



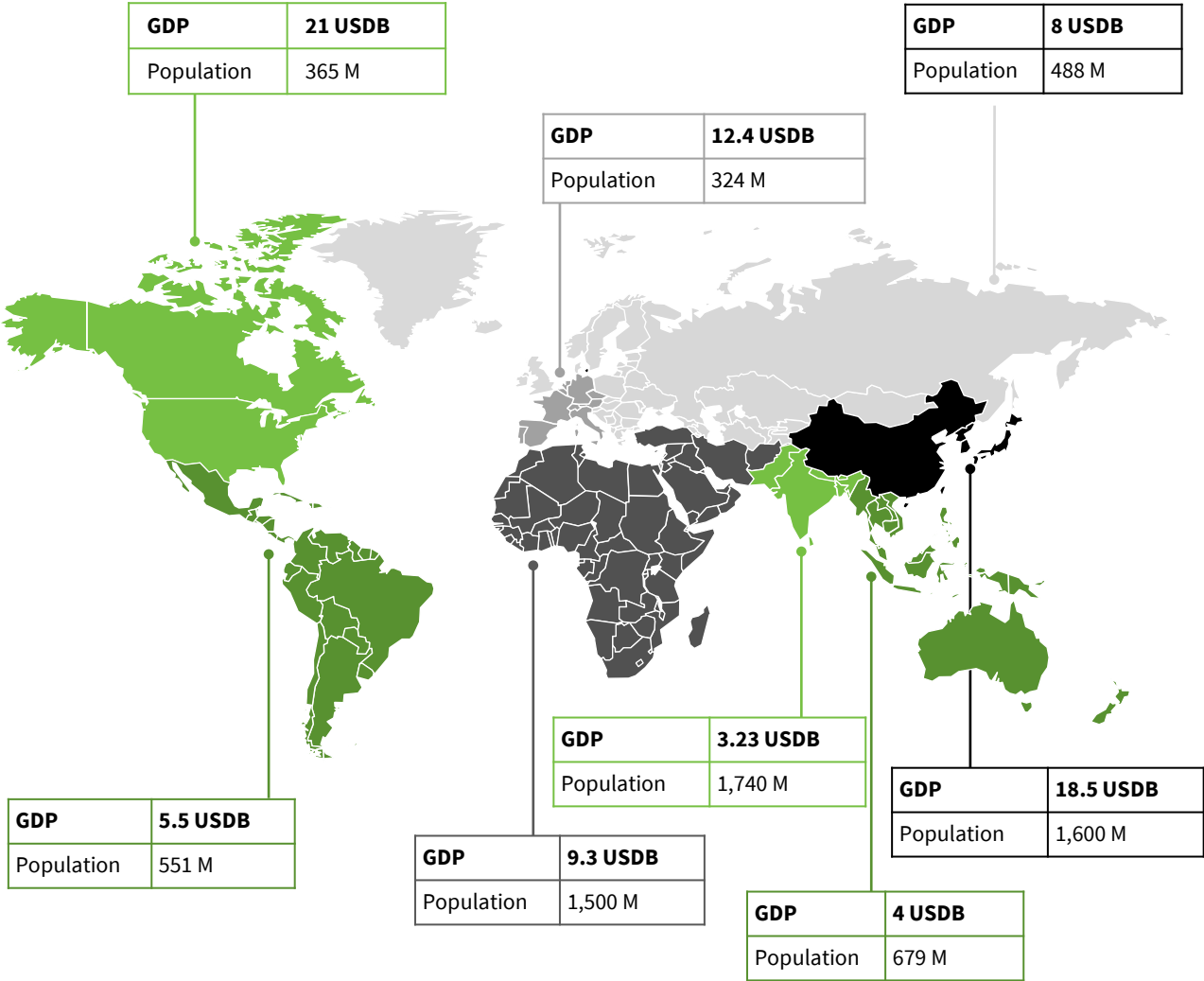
Go to market

ReFork will enter new markets through importers. By 2022, we want to build our own production facilities in European countries. Manufacturing companies will be located in individual countries according to market suitability and demand for ReFork products. This model will allow us to gain up to 10% share of the European market of 100% biodegradable materials by the end of 2022.

After gaining a position on the European market, we plan to expand to China in 2022 and later to the entire Asian and American markets. For ReFork purposes, the target markets have been divided according to geographical location into eight parts (see the scheme below). ReFork will gradually enter these markets and at the same time work with local distributors to facilitate the expansion of ReFork products among end consumers.

At the same time, the ReFork E-shop will be launched.

Overview of Population & GDP for 8 ReFork importers



Source: <http://datatopics.worldbank.org/world-development-indicators/>



# SWOT analysis

## STRENGTHS

**All areas:** Dynamic team, linked through the entire value chain - this position allows us to focus on a certain part of the value chain when needed - our biggest strength compared to large corporations.

**Production:** Unique Mechanical-Thermal Integration (MTI) technology enabling cost-effective joining of materials even in fractions that are not available by other technologies

**R&D:** The development of joining degradable materials allows us to focus on suitable material combinations

**R&D:** Cooperation with renowned universities

**Production:** Know-how of high-capacity production from decomposable materials with a high content of fillers

**Production:** Cooperation with leading suppliers to industrial production with the possibility of subsequent changes to machinery

**Production:** Concentration on sustainable raw materials

**Product:** Food contact certification for ReFork 1.01 material

SW

## WEAKNESSES

**All areas:** a young team with limited international experience

**R&D:** Research in the hitherto unresolved area of wood bonding for mass production

**R&D:** Intensive material and technological costs

**Production:** Technology for mass production requires turnkey modifications, which increases the price of an individual product in the initial production phase

**Production:** Rising price of biopolymers in many applications, even outside gastronomy

Higher sales prices compared to conventional plastic products



## OPPORTUNITIES

**All:** The potential for global growth outside the European Union addressing current issues of plastic waste.

**R&D:** A large number of applications for ReFork materials outside of gastronomy.

**R&D:** MTI can be used as an input technology for material production for extrusion, injection molding, thermoforming and other applications.

**Production:** The possibility of using and acquiring machinery from automotive companies - a solution to the current recession affecting the automotive industry in particular.

**Product:** High potential for the replacement of disposable plastics, especially in the area of hygiene needs, and their increase in demand for the impact of COVID-19.

**Market:** Significantly growing demand for ecological substitutes for plastic products from both final consumers and large companies.

**Market:** Growing regulation of restrictions on disposable plastics both inside and outside the European Union.

**Market:** Global possibility of using the EFK as in all its forms - from the payment function to the ekokickstarter

**R&D:** Additional costs associated with R&D, which in the initial stages of the project may increase the price of individual products

**Market:** Possible changes in regulatory measures - This is a directive within the European Union, so it is not clear how the directive will be transposed into national law.

**Market:** Low possibility of diversification on the part of suppliers in the supply of biopolymers

**Market:** Lobbying of manufacturers and distributors of disposable plastic applications for the creation of other forms of support for ecological solutions (f.e. polluters fund...)

**Market:** Substitutes of disposable plastics ("bring-your-own") - overall decline in demand for disposable solutions

**Market:** Low awareness of end consumers about the differences in individual ecological solutions

## THREATS

OT



# Partners



## IT

**Icarus** – Technical support

**Viltén** – Technical solution of ReFork platform provider

## Blockchain

**LocalBITMAN SE** – Exchange from crypto to fiat and vice versa

## Distribution

**gastro-obaly.cz** – Distribution partner for the Czech Republic

## Material

**BIO-FED**

## Development

**VŠCHT**

## A partner for large-capacity production

**PP&T** – PP&T offers their customers the entire process of part production – from support during the development of parts, to design, production and tuning of cutting-edge tools, to serial production of precision parts with thermoplastic injection moulding.

**FF Servis s.r.o** –FF Servis Ltd. has been operating on the market since 1993 and is a manufacturer of food supplements and biologically active substances, currently producing a wide range of food supplements and regenerative and protective products.

**DASTIT Technology** –This is a company with extensive experience in operating technologies similar to our patented MTI technology. The DASTIT process mix is a unique hydraulic binder made using innovative and patented technology and its function resides in mechanical activation of ash from fluidized-bed combustion of solid fossil fuels and using other DASTIT components.

**WoodflourMill** – WoodflourMill was founded in 2016 and is a successor of many years of wood flour production in the mill in Bělkovice Laštany - Šternberk. It is currently focused on the production of quality wood flour with a moisture content of 5%, which is used primarily for the further production of wood-plastic composites.



# Tokenization

In order to achieve the goal of becoming a global company with the support of the global community, it is desirable to connect the ReFork community through a global token. This currently only allows tokenization. For us, the global community of people will not just be a group of buyers, but a team of potential partners in business, marketing, design, ecology or research. Last but not least, for us it will mean a potential easing of entry into the new market for finding new partners.

By deciding to go with tokenization, we are following the same path as the global companies Tesla, Facebook or Bittorent.

## **Token**

### **EFK token definition**

EFK tokens are a form of virtual voucher that is used to take advantage of interaction with the ReFork project. The EFK token is a cryptocurrency established using the Ethereum smart contract (ERC20). The total amount of EFK tokens is 4 billion.

### **Functions**

EFK token functions represent the relationship of individuals and companies to the ReFork project and are applied on the ReFork platform. Each individual / company has the opportunity to interact with ReFork at different levels, according to their participation in the ReFork project. These levels will be graded according to the current number of EFK tokens held or, in limited cases, also on the basis of the seized goods paid for in exchange. This is only a demonstrative list of the functions that can be expanded and modified in the future.

# TOKEN FUNCTIONS

**MARKET  
SUPPORT**

**COMMUNITY**



**BUSINESS**

**PAYMENT**



The ReFork platform will distinguish at least 5 basic levels, where individuals / companies will hold a different level of rights to the ReFork project.

These five or more levels can be characterized on the individual functions of the EFK token in the ReFork platform:

Level	COMMUNITY			
	Informative	Eko-Kickstarter	Staking	ReFork team events
<b>Level A</b>	Yes	Informative	No	No
<b>Level B</b>	Yes	Propose	Yes	No
<b>Level C</b>	Yes	Vote	Yes	No
<b>Level D</b>	Yes	Select	Yes	Yes
<b>Level E</b>	Yes	Select	Yes	Yes

Level	PAYMENT		
	Payment function	Reward program	Payments in e-shop
<b>Level A</b>	Up to 100% value	No	Yes
<b>Level B</b>	Up to 50% value	No	Yes
<b>Level C</b>	Up to 25% value	2 %	Yes
<b>Level D</b>	Up to 10% value	3 %	Yes
<b>Level E</b>	Up to 5% value	5 %	Yes

Level	BUSINESS		
	Prioritization	Branding	Limited editions
<b>Level A</b>	No	No	No
<b>Level B</b>	No	No	No
<b>Level C</b>	Low	No	Yes
<b>Level D</b>	Medium	No	Yes
<b>Level E</b>	High	Yes	Yes

To accomplish each level is possible both on the basis of the current holding of EFK tokens and on the basis of realized purchases of ReFork products for fiat currencies:

Level	EFK token	Turnover in fiat currency p.a.
<b>Level A</b>	TBA	TBA
<b>Level B</b>	TBA	TBA
<b>Level C</b>	TBA	TBA
<b>Level D</b>	TBA	TBA
<b>Level E</b>	TBA	TBA

The threshold to reach specific levels will be published before EFK token listings on token exchanges.

**Market support:** ReFork will use the listing on cryptocurrency exchanges to ensure sufficient EFK tokens for Community, Business and Payment functions. This activity will subsequently increase the liquidity of EFK tokens. At irregular intervals, ReFork would buy EFK tokens from the open market on cryptocurrency exchanges. These tokens will then be used to support the individual functions of the EFK token and marketing activities.

**Example:** EFK tokens get listed on a cryptocurrency exchange. It is possible to exchange tokens for Bitcoins on the exchange. Meanwhile, a large number of requests for support of summer music festivals from EFK token holders have appeared in the ReFork interface as part of a community function. ReFork decides to support these activities. It will therefore buy EFK tokens from the open market in March, May, July and December in order to increase the liquidity of EFK tokens and at the same time the company has a sufficient number of tokens to reward activities.

## Community function

### Subarea: Informative

All holders of any number of EFK tokens have the right to receive the latest news and information about the ReFork project. The community of holders will be regularly updated about the status of the project and news through the Email newsletter and other communication channels. To subscribe to the news, just register on the ReFork platform.

### Subarea: Eko-kickstarter

Ecological projects will be selected on the ReFork platform on the basis of voting rights according to individual levels, and the selected project will subsequently be supported by ReFork that will purchase available EFK tokens from the market and use them as a financial support to build the selected project. Depending on the level achieved, the holder of EFK tokens has individual rights to the eco-kickstarter, which escalate to the selection of the ecological projects themselves.

**Example:** The holder of Level C has an idea to implement an ecological project that he would like to register within the eco-kickstarter platform. Thanks to the fact that it is in Level C he can both register its project on the eco-kickstarter (from Level B) and vote for the project at the same time. His friend would like to support the project in the vote, but he only is Level A. For this reason, however, he can only receive information about the eco-kickstarter and registered projects.

**Realized example:** The "Eko-kickstarter" community function is already running (before the official launch in the ReFork interface), directly with the participants of the EFK tokens pre-sale. At the community meeting of EFK token holders the participants of the private pre-sale had the opportunity to speak directly with our management.

One of the buyers of EFK tokens (a dentist) came up with the idea of biodegradable products for dental hygiene. After a community meeting, he presented the concept to the entire ReFork team. After evaluating the idea and the materials presented, ReFork and the author of the idea have founded a division called **ReFork Dent**, which will be dedicated to the production of dental hygiene products. Details about the ReFork Dent can be found [here](#).

### **Subarea: Stake to win**

All users that participate in the staking function will be able to win special prizes in a regular draw depending on the level achieved. The winners will be drawn every quarter. ReFork will inform about the start of the program in its user interface and through communication channels.

**Example:** The holder of Level C holds tokens in the ReFork interface at the time of the draw and can therefore participate in the draw. Thanks to a fact that he has reached Level C, he can win prizes during the draw for Level A, B and C.

### **Subarea: Staking**

In the ReFork interface, it is possible to stake EFK tokens. Staked tokens will allow each holder to reach a higher level in the ReFork program and gain benefits based on the achieved level. Due to the impossibility of verifying held tokens on cryptocurrency exchanges, holding EFK tokens in the ReFork interface is the only way to reach predetermined levels based on the number of EFK tokens held.

**Example:** A holder of 12,000 EFK tokens wants to benefit from ReFork. So he decides to send his tokens to the ReFork interface. It locks the tokens in the interface and reaches Level B.

### **Subarea: Participation in ReFork team events**

Owners of Levels D and E will be able to attend VIP and community events for EFK token holders and ReFork partners, which will also be attended by ReFork team members.

**Example:** A regular summer ReFork event is held for partners and holders of EFK tokens. A ReFork partner who purchased ReFork products and accomplished turnover to achieve Level E has received an invitation and can participate. He would also like to take his partner XY to the event, whose company owns lower amount of EFK tokens and has not yet purchased any ReFork products. In order for XY to participate in the event, XY must either purchase enough EFK tokens to advance at least to Level D or place an order to accomplish needed turnover.

## Payment function

### Subarea: EFK Reward program

When purchasing ReFork products, it will be possible to obtain a bonus in EFK tokens of up to 5 % of the order value, depending on the level achieved. Bonus EFK tokens will be sent to the customer's wallet to the ReFork interface, where they will be locked for 6 months before they can be used (see "Staking").

**Example:** A ReFork partner who has purchased ReFork products worth Level D in the last 12 months will place an order worth \$3,000. EFK tokens worth \$90 (3% of the order value) are sent to the customer's wallet to the ReFork interface. The customer will be able to send the tokens away from the wallet and use the tokens within 6 months of placing the order.

### Subarea: Payments in the ReFork e-shop

EFK tokens can be used to pay for products in the ReFork e-shop. Based on the achieved Level and the value of the order, it will be possible to pay 0 - 100% of the purchase value in EFK tokens.

**Example:** The holder of Level A buys 100% biodegradable cutlery worth \$220 at the ReFork e-shop. He can pay the full amount in EFK tokens. He can also pay the full amount in fiat currency or split the payment into a partial payment in EFK tokens and fiat currency.

## Business functions

### Subarea: Prioritization

The time interval for delivery of ReFork product orders at times of increased demand will vary based on delivery prioritization. We will ensure that the leading ReFork partners are given priority and receive the order in the shortest possible time.

**Example:** The holder of Level A orders ReFork cutlery from the e-shop at a time of increased demand. Before sending the order, the Holder of Level D will order the same order from the e-shop as the Holder at Level A. As these are the last cutlery in the ReFork warehouse, the Holder at Level D will receive the order sooner.

## **Subarea: Branding**

The largest partners and token holders will be able to have ReFork end products with their own company logo or other motives branded.

**Example:** A ReFork partner (Level B) would like to have ReFork products branded with their own logo. Due to the low achieved level, he must either meet the required turnover in fiat currency or purchase a sufficient number of tokens to get to Level E.

## **Subarea: Limited editions**

The leading partners and holders of EFK tokens will have access to selected limited editions of ReFork products.

**Example:** An EFK token holder (Level A) would like to access limited editions of ReFork products, which are available from Level D. He purchases a sufficient number of EFK tokens to accomplish level D on the cryptocurrency exchange and then locks the tokens in the interface ReFork that enables him access to limited editions.

## **Distribution**

The total number of EFK tokens is 4,000,000,000. 80% of the tokens will be offered for sale during the main global sale and presale. 10% of tokens will be distributed to the ReFork team members. 6% will remain in Refork Industries OÜ. The last 4% of tokens are for Bounty.

Bounty tokens, which represent 4% of the total number of tokens, will be divided into two distribution phases. The first 50% of bounty tokens (2% of the total number of EFK tokens) will be distributed on the basis of a bounty program that takes place before the listing of EFK tokens on cryptocurrency exchanges. The remaining 50% (bounty tokens) will be distributed for marketing activities after listing on cryptocurrency exchanges.

All unsold tokens during the presale and main sale will be burnt and proportionally also tokens for team members, company and bounty.

## **Tokenomics**

Tokenomics makes sense of how EFK tokens work and sets up processes that lead to increased token liquidity. The tokenomics of EFK tokens is created to be beneficial for all members of the ReFork community, but also for corporate partners.

Due to the fact that the main business of the ReFork project is located outside the crypto world, effective tools are available to increase the liquidity of EFK tokens within the functioning of real business.

# EFK token sale



## **Private presale**

EFK tokens are offered to the public in two sales rounds. The first is a private pre-sale of tokens on the ReFork platform, which is intended only for citizens of the Czech Republic and Slovakia. Tokens purchased during a private pre-sale will be locked in the ReFork interface until a listing of EFK tokens on the cryptocurrency exchange.

## **IEO (Initial Exchange Offering)**

The global sale of EFK tokens will take place through the IEO, which is currently the most popular option for offering tokens in the crypto world. As the name suggests, Initial Exchange Offering takes place through cryptocurrency exchanges, which mediate the sale of tokens to registered users on the exchange. Exchanges make the necessary commitments to protect buyers and perform a detailed analysis of projects before allowing the project to sell tokens on their platform. After the end of the IEO, the listing of EFK tokens will follow on the given exchanges.

## **Transparent use of funds**

In the ReFork project, we place emphasis on transparency, even when using the raised funds through EFK token. The whole project is backed by a professional team with many years of experience, so the funds will be used as efficiently as possible. The funds will be used to develop new materials, new ReFork products and to expand into new markets.

# ReFork e-shop





Legal

## **AML**

The Buyer agrees not to participate in money laundering, illegal exchange and other illegal activities in connection with the purchase and exchange of EFK tokens. In order to comply with AML / KYC legislative obligations, ReFork Industries OÜ may ask the buyer to prove the origin of the funds for which the buyer intends to purchase EFK tokens.

## **Disclaimer**

This document is meant for marketing purposes only. The information contained in this document is for promotional purposes and does not constitute a liability of the company. Each buyer should make its own analysis of publicly shared information before deciding to purchase EFK tokens. The published information does not constitute a proposal for the conclusion of a contract.

## **Language**

This document is available in several language versions. In case of dispute, the interpretation of the English version of the whitepaper is binding.

## **Contact**

Refork Industries OÜ

ID: 14347262

Viru väljak 2 Kesklinna linnaosa, Tallinn Harju maakond 10111

info@refork.org



ReFork