

Company Profile

Cutting-edge solutions since 1943



**3 years
warranty**

- excluding
wear parts

The Labotek group are placed in Scandinavia, Germany, United Kingdom and India, and have a worldwide distribution network of more than 50 dealers and agents.

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The specifications in this document are subject to change without notice.





Welcome to the World of Labotek

By Peter Jessen Jürgensen, CEO, Labotek A/S

Founded in 1943

Since its inception, Labotek has been a pioneer of solutions to the plastics industry. During the years we have sold more than 100,000 PGT's - many are still are functioning, which proves our cutting-edge solutions and high quality.

Denmark has strong traditions for design; right from the childhood of plastics, Danish designers saw the opportunities in the new material. From B&O radios made of Bakelite, to Lego bricks, large scale windmills and footprints in rubber. Danish design is world famous and appreciated all over the world.

Plastics ARE brilliant, but...

Plastics are brilliant and has changed countless lines of industries and daily life for all of us. Low costs, light weight, durable and exceptional barrier properties are just a few of its many qualities. When this is said, plastics trash has become a huge issue for the environment, and we have a responsibility to help develop more efficient solutions for recycling.

We have invested in green technology Since 2010

Developing solutions that significantly reduces the power consumption in the plastic industry. This, we are very proud of.

Denmark - a country with a green way of thinking

With waste sorting, recycling stations in every municipality, a comprehensive deposit bottle system, district heating and leader in wind energy.

Besides, Denmark has the world's safest energy system, which has attracted American giants: In September 2019, Facebook opened a new data center in Odense. Apple's datacenter in Foulum should be completed by 2020, and Google's construction in Fredericia is expected to be completed by the end of 2020.

Though Denmark is almost invisible on the globe, we have a lot to proud about.



We are not the Problem but a Part of the Solution

Plastics are brilliant

Plastics are brilliant and have changed countless lines of industries - and daily life for all of us. Low costs, light weight, durable and exceptional barrier properties are just a few of its many properties.

For every 10% reduction of weight in a car, the fuel economy is improved with 5-7%. 20% of the world's largest flight, Airbus A380, are made of carbon-fibre reinforced plastic.

Modern healthcare would not be possible without plastics. MRI scanners, disposable syringes, catheters, implants, tubes etc.

Contact lenses, hearing aids, furniture, windmills, computers, cell phones, tubes, clothes, fiber optic cables, solar cells, packaging - the list is infinite.

” We think CO₂ reduction, power consumption and heat recovery into our products wherever possible ”



We have a responsibility

Plastic pollution is undoubtedly a major environmental concern, but the tide has turned. EU member states have signed up to a number of legislative proposals on waste, including a 75% target recycling rate on packaging waste by 2030.

As part of the plastics industry, we have a responsibility to help develop more efficient solutions for recycling.

Besides thinking CO₂ reduction, power consumption and heat recovery into our products where ever possible, we support Operation Clean Sweep.

Operation Clean Sweep is an international program designed to prevent and help keep plastic materials out of the marine environment. Members of the Global Plastics Alliance believe in integrated approaches for managing plastics resources that allow us to enjoy their benefits, without trashing our oceans.

Since 2010 Labotek has invested in green technology.

Rethink Plastics

Plastics as a resource

In Denmark, plastics from the industry and households are collected, sorted and reused wherever possible. The biggest challenge is the sorting.

More recycling of plastic packaging from households can only succeed, if the plastic is better sorted - and this requires the packaging to be designed for recycling.

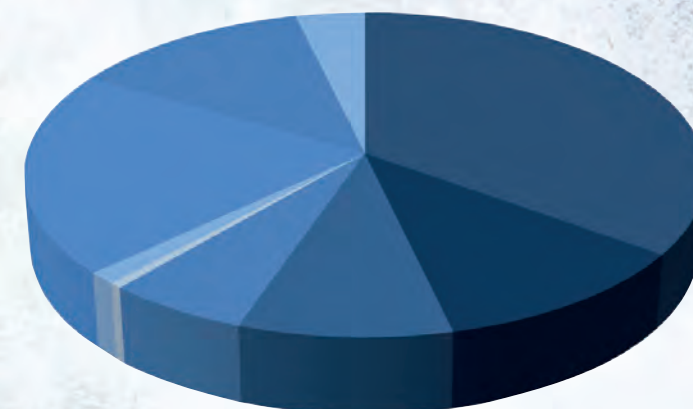
The packaging must be designed so that it is both easy for the consumer to separate and empty. This requires, e.g. packaging is without grooves, where food residues can get stuck and dry.

The plastic industry, NGO's and food producers are working on reduction of types of plastics for food packaging. We should be viewing plastic as a resource and looking at how we can keep it in the "clean loop" of recycling.

Danish deposit and return system

The Danish deposit and return system, is one of the few areas in which producers and importers pay for packaging to be recycled.

*The way plastics are sorted and reused in Denmark.
Source: Ministry of Environment and Food.*



- Film - 24.2%
- Hard PET - 13.1%
- Hard PP - 10.3%
- Hard PE - 6.9%
- Hard PS - 0.6%
- Other hard PS - 1.4%
- Mixed plastics - 23.4%
- RFD - 14.8%
- Residual waste - 4.3%

Green Line

Once Upon a Time...

It all began with the first models of vacuum cleaners

In 1898 John S. Thurman from St. Louis, Missouri, U.S., submitted a patent for a "pneumatic carpet renovator" which **blew** dust into a receptacle. Thurman's system was powered by an internal combustion engine, which meant he had to use a horse-drawn wagon as part of his door to door cleaning service.



One of the first vacuum cleaners

Vacuum cleaners using suction

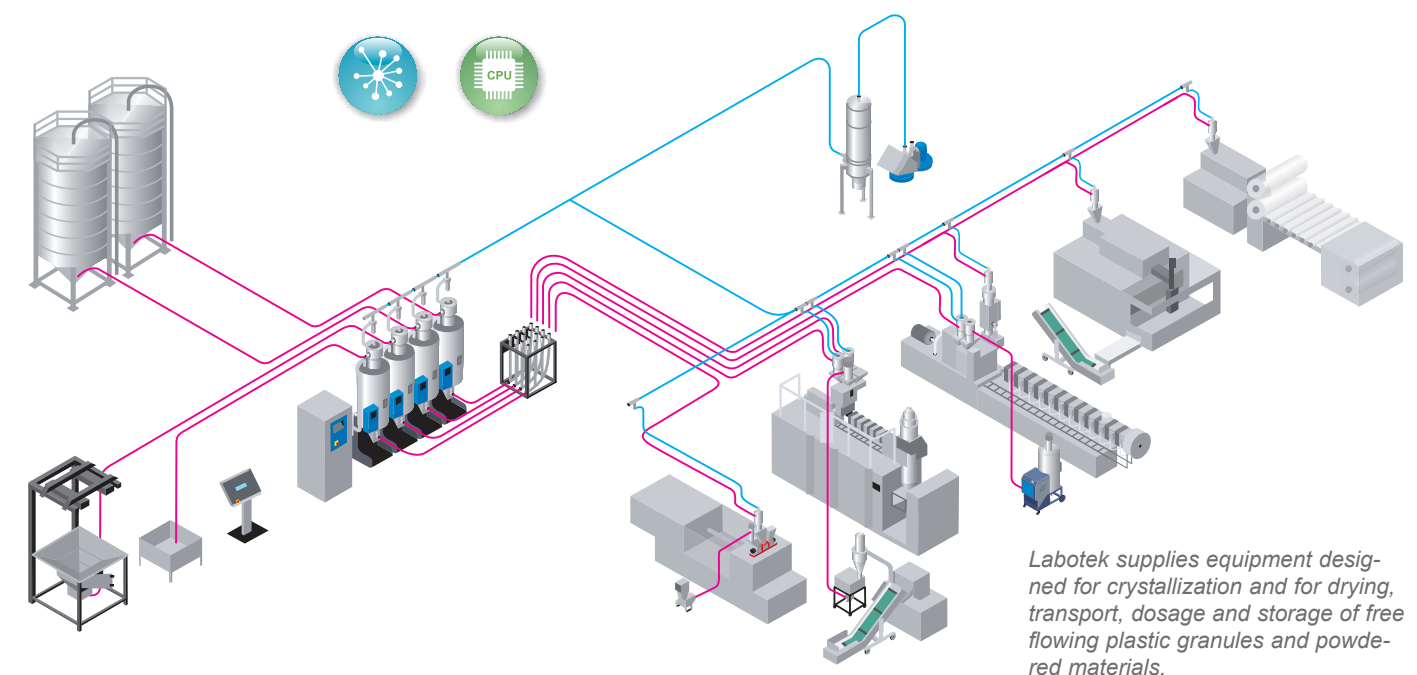
In 1901 powered vacuum cleaners using suction were invented independently by British engineer Hubert C. Booth and American inventor David T. Kenney. Booth also may have coined the word "vacuum cleaner".



Plastics saved the elephants

The first type of plastic was invented in the U.S. as an alternative material for producing billiard balls made of ivory. Fearing that the elephants would be exterminated, a U.S. billiard maker promised a \$10,000 bounty to anyone who could invent another material for the balls. The American inventor John W. Hyatt won the competition with his invention of the first semi-synthetic plastic celluloid type.

The first fully synthetic plastic material - Bakelite - were invented in 1907 by the Belgian chemist Leo H. A. Baekeland, and became the basis for the plastics of today.



Labotek supplies equipment designed for crystallization and for drying, transport, dosage and storage of free flowing plastic granules and powdered materials.

Labotek - a pioneer in plastics

Labotek (Laboratory Technology) was founded in 1943 by August Bjerregaard. Originally the company manufactured equipment for laboratory use, but a request for a drying cabinet for drying of plastic granules, made him build a drying cabinet - based on the drying cabinets of the laboratories.

Gradually the production became increasingly concentrated on equipment for the plastics industry. In 1952 the predryer Continator, for mounting on the molding machine instead of the material hopper, was invented. A vacuum molding machine was manufactured too - among other things, for molding the interior of refrigerators.

In 1959, the company constructed a vacuum conveyor - Con-Evator - which carried plastic granules from sack or silo to the machine's hopper. The machine was a success from the very beginning, and today more than 100,000 have been sold worldwide - of which many still are functioning, which proves our cutting-edge solutions and high quality.

The same year Labotek moved to Sigerlevøster to a former dairy, where 2 factory and office buildings were built in 1970-1975.

Inspired by Lego, sprue robots which could be mounted on an injection molding machine, was added to the product line in 1983. This saved the time to separate sprues and components. To date, 850 robots have been manufactured in 5 different sizes.

In 1999 Labotek was sold to I.K.I Invest A/S - a 100% Danish owned company.

Labotek today

Today Labotek A/S is a leading provider of ancillary and centralized systems, all developed on the basis of the newest technologies and designed to reduce energy consumption to the absolute minimum.

Labotek is a member of The Labotek Group located in Scandinavia, United Kingdom, Germany and India. Our distribution network is worldwide and contains more than 50 dealers and agents.



Conveying
Vacuum conveyance of free flowing plastics raw material, granules or powder.



Dosing & Mixing
Mixing or dosing of materials or for emptying of grinder. Designed to handle virgin materials, regrind, masterbatch, and other additives.



Drying
Hot air or desiccant drying of hygroscopic and non-hygroscopic granular material and regrind. Energy preserving technology.



Storage
Portable and stationary material bins for indoor/outdoor storage of raw materials. Indoor/outdoor silos for storing of granular materials.



Centralised Systems
Labotek's Conveying and Drying systems, known for durability, reliability, environmental protection and energy conservation.



Control
Labotek's Control series takes full control of materials handling requirements. Unmatched flexibility in configuration options.

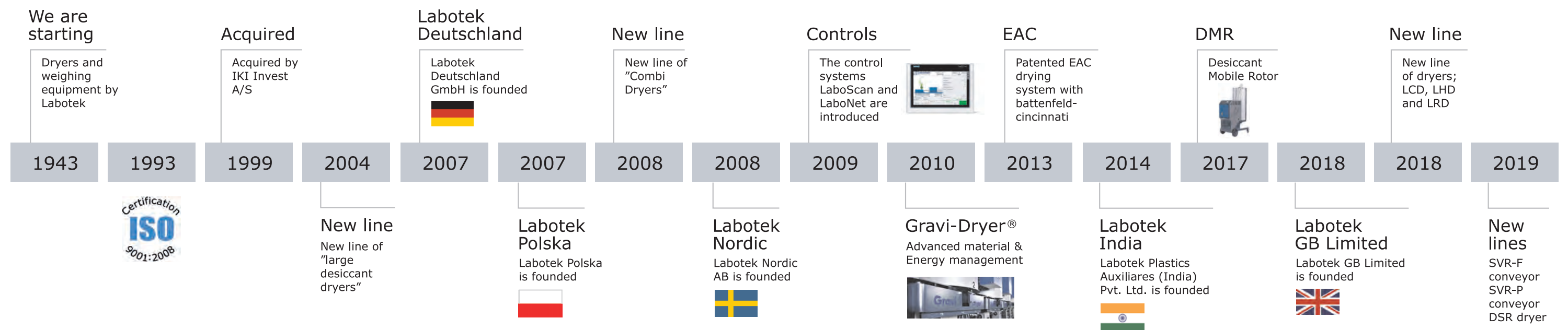


The headquarters of Labotek in Sigerlevøster, surrounded by beautiful green fields.

As our customer you can order products and spare parts 24 / 7 in our WebShop.



Labotek Timeline



Discover our Culture



Without people to develop, purchase, do the cleaning, manage, produce, sell and maintain our products, we cannot sustain our business. Every single part of the chain is important.



International Sales

Our dedicated sales team has different backgrounds and different knowledge. They will do anything to solve your problems and will be happy to visit you, if a problem demands a man at the spot.

Customer Care and Spare parts

In Customer Care and Spare parts you will meet a very helpful staff who will walk an extra mile to solve your problem.



blems. Even though a spare part are not produced any longer - our machines are known for their durability - you can be sure they will find a solution.

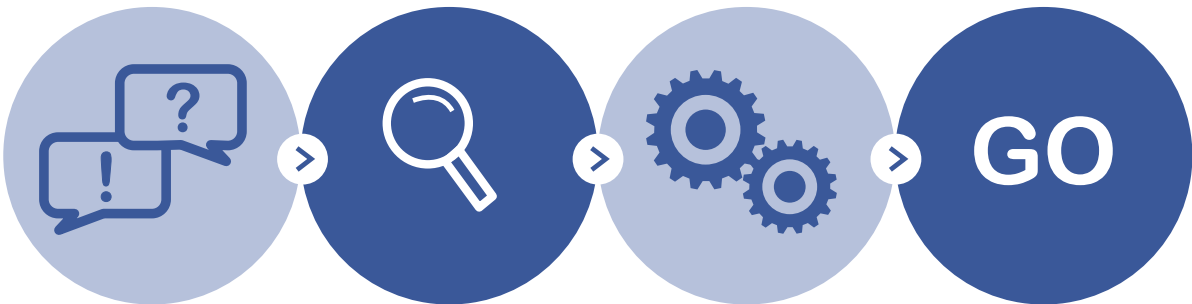


Purchasing

Our purchasing people deals with the whole world in order to get the best quality to the best price.

Project and Technical department

The Project and Technical department are situated at the headquarters in Denmark, where they among other things, develop new solutions in close co-operation with the Sales department, who know their customer's needs.



How we work

At the first contact with a new customer, the task is thoroughly analyzed in the Sales Team, where everyone offers their respective knowledge and skills. Depending on the nature and complexity of the task, a project manager from the Technical Department will be involved.

Subsequently the project manager manages the task from start to finish and involves the necessary departments from the rest of the house.

If we are going to build a large complex system, we invite the customer to visit our factory.

To keep costs down, video conferencing and Skype meetings are held along the way, so all expectations are reconciled before delivery.

We would rather ask once too much!

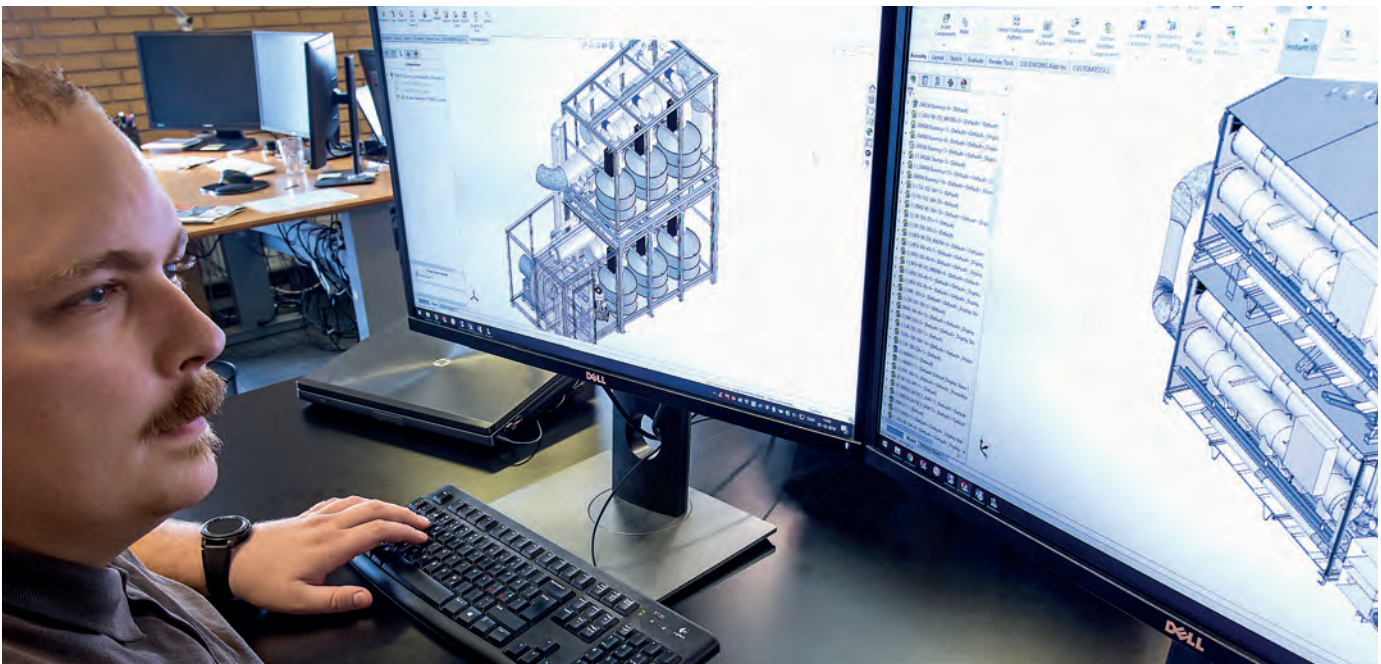
Emergency hotline service 24 hours



Time is money, and it is not always enough to have the best products. Therefore, our Service Engineers receive continuous training so that we are able to provide the best and most efficient service possible.

Our Service Contracts are tailor-made to our customers' requirements and we guarantee regular service and maintenance of our equipment.

The Project and Technical department has a key function in our company, improving the performance of our products and ensuring component reliability...





Before leaving the Production, every machine is carefully checked and tested.

One of our salesmen
visiting a customer in Romania.



Vision

Our vision is based on a deep understanding of our customers' needs and behavior. We strive to always meet our customers' expectations and we believe in building long lasting relationships. We aim to be the preferred supplier in the plastic industry and an attractive partner for Original Equipment Manufacturers and distributors.

Mission

Labotek' s mission is to be a partner for the plastics industry and through our products and know-how, contribute to increased profitability for our customers.

Business

Through our motivated and committed employees we can deliver process equipment, advice and service to the plastic industry. We must internally develop and keep abreast with the latest technology in drying, conveying systems and solutions - and must be informed of the plastic technology in general. It is important to us to manufacture products which are competitive in both price and quality. Since we do not possess skills in all production areas, we have decided that outsourcing is a part of the manufacturing process.

Our core values are:

- Experience, knowledge and competence
- Focus on service
- Commitment

Training & education

Education is provided to customers and distributors on an ongoing basis.

Knowledge sharing through education of distributors and customers is the core of our values.

We strive to have yearly education meetings with all our partners. Moreover, we distribute educational materials, helping our customers to get the best results with plastic granule processing.

As our customer, we provide training of your people at the time of installing new equipment. If you need additional training and education, we would like to hear from you too.

On an on-going basis, we train the operatives within our international distribution- and service network, in how to install and service our equipment.

Zero downtime is our goal. High quality results are our seal.

At Labotek, we are happy to enter into a dialogue with you, to explore the best solution that meets requirements, in the most cost-effective way.

Best regards
the Labotek Team

Quality

Labotek must ensure, through procurement and production that produced and delivered products are qualitatively on a par with other European manufacturers.

ISO certified since 1995

Equipment from Labotek must comply with all national and international standards and regulatory requirements within the business area. Labotek has been ISO certified since 1995. Quality assurance in Labotek happens through continuous process control.

Quality should be at a level, so it is possible to offer the best guarantee & return policy.

” When dealing with Labotek you'll find an organisation bursting with enthusiastic and talented people ”

Distributors all over the World

Find your local Labotek representative



Europe
Albania
Belgium
Bosnia & Herzegovina
Bulgaria
Croatia
Czech Republic
Denmark
Estonia
Finland
France
Germany
Greece
Hungary
Iceland
Ireland
Italy
Latvia
Lithuania
Macedonia
Norway
Poland
Romania
Serbia & Montenegro
Slovakia
Slovenia
Spain
Sweden
The Netherlands
United Kingdom

Outside Europe
Algeria
Argentina
Australia
Bahrain
Belarus
Central America
Chile
China
Colombia
Dominican Republic
Egypt
India
Israel
Japan
Jordan
Korea
Kuwait
Mexico
Morocco
New Zealand
Oman
Panama
Paraguay
Qatar
Russia
Saudia Arabia
South Africa
Taiwan R.O.C
Thailand
Tunisia
Turkey
UAE
Ukraine
Uruguay
USA
Vietnam