

the speed of light systemized



advantage:

energy | environment | productivity

This is where
we're at our best

INPIPE AND ENERGY SAVING



Reduce your energy costs at the speed of light



Without an ample supply of fuel and electricity society would grind to a halt. Energy is vital for all of us, no matter in what shape or form. Not only is it a limited resource that is expensive to produce but its production is also fraught with environmental problems that increase its cost. This is why fuel-efficiency has always had high priority when developing the *Inpipe*TM System. **Firstly**, Inpipe's uv light curing uses less energy than methods based on heat curing. **Secondly**, Inpipe is quicker to install, which further reduces energy consumption. **Thirdly**, Inpipe consumes less energy because there are less stops and queues in heavily trafficked areas. **And finally, the** *Inpipe* System saves on filling material, asphalt, transport vehicles and fuel compared to traditional excavation work.

Heat pumps, the Inpipe System and other technical strides

A warm fire is nice, but we would rather put our trust in modern environmental and energy saving methods. We are of the opinion that the *Inpipe* System is also a great stride forward because of the clear advantages provided by its superior technology.

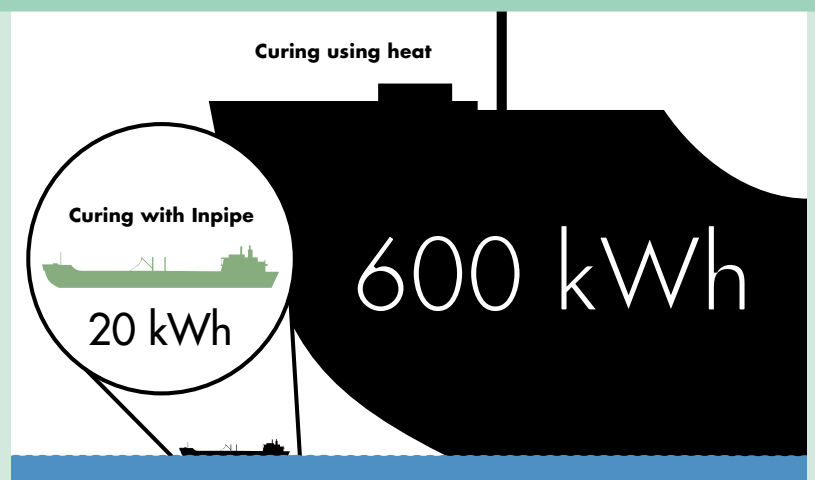
Using compressed air, we insert a liner into the old pipe from an installation vehicle that contains all the necessary equipment. A UV light train carries out the quickest liner curing on the market before the lines are cleaned up by a robot. The stretch of pipe is renovated in one working day.

The system also includes carefully planned routines, quality-assessed production, stringent tests and well-functioning training programmes the world over. We are not the only UV light method on the market, but at the end of the day technical consistency weighs heavily in our favour. We provide a total solution for efficient and environmental pipe renovations. To that add excellent fuel-efficiency.

Inpipe is light years ahead.

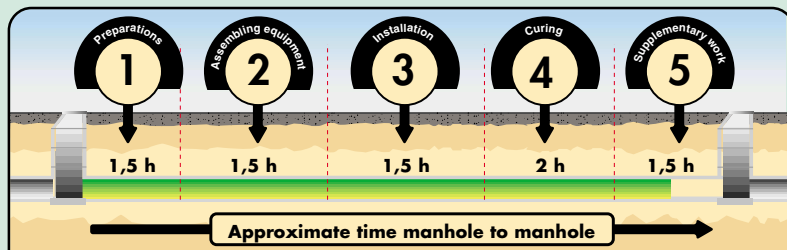
Inpipe's UV curing process is 30 times more efficient than heat curing with regard energy consumption. This naturally depends on the financial gain from energy prices, but that increases with the number of pipe renovations.

→ Less is more. Inpipe reduces energy requirements



If our cars followed Inpipe's energy saving example our petrol costs would be a lot more modest. For six hours of installation, Inpipe's UV curing treatment uses 20 kWh, while heat curing uses 600 kWh. The longer the installation takes, the greater the difference.

→ 100 meters of 300 mm diameter pipe in 8 hours



There is no quicker way to renovate pipes than Inpipe. It takes just eight hours to renovate a 100-meter segment of 300 mm pipe.

FACTS, INSTALLATION



The Inpipe System's curing process is extremely energy efficient thanks to our unique UV light lamps. It takes less than ten minutes to reach the optimum curing temperature. Maximum energy consumption is reached after barely two hours. After which it remains at this low level.

People with a wide perspective appreciate our overall solution

Finished in a day so that life can go on as usual - Inpipe in a nutshell. Public finances are much healthier because Inpipe prevents energy wasting traffic jams in large cities.

Pipe renovation through digging presents a totally different picture.

Tons of stone dust, base and sub base course have to be transported to and from the site, not to mention tons of asphalt. Material that has to be produced, which also uses energy and natural resources.

The cost of renovating an 100-metre line of 300 mm pipe with Inpipe is a fifth of the cost of a traditional digging site. The total energy consumption for digging is all of 20 times higher. It might feel more practical to do what you've always done, but there is a definite argument for studying Inpipe's overall advantages with regard energy, efficiency and environment.



→ Cut transportation

Excavation involves quite a few transportation vehicles.

If the filling material has to be transported long distances then this also sends the fuel costs sky high.

In these situations it is also better to use Inpipe in the countryside, because it's the most profitable alternative.



Put your energy into something other than traffic jams

Whenever Inpipe is on the move traffic queues are reduced and petrol consumption is cut by 400%.

Inpipe is a global solution to a growing problem.

The world is full of leaking pipes. Inpipe's UV curing treatment is used in more than 20 countries in Europe, the Far East, the Middle East and Australia. The *Inpipe System* has undergone continuous development since our first commercial installation way back in 1985. In 1988, we built a new production plant in Vilhelmina in northern Sweden. Today we are part of the OVE ARKIL A/S Group, which gives us a great opportunity to become market leader in even more countries.

No Dig is just the beginning

We say it's better to reuse the existing pipeline by inserting a new pipe. No joints, prolonged durability, no traffic jams and great savings in energy, material and working hours.

The No DIG-method is the first step towards quicker and simpler pipe renovation.

The speed of light systemised

The next step is to refine the No DIG-method and make it quicker, more environmental and truly energy efficient. Because then we've systemised the speed of light with the help of UV light, patented liners, carefully planned routines, quality-assessed production, stringent tests and well-functioning training programmes the world over. *The technical advantages of the Inpipe System* offer clear benefits for our customers.



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