

- Water pipes
- Gas pipes
- Cabling
- Optical fibre
- Sewers
- Public lighting
- Heating networks
- Underground horizontal drilling

Energy & Water

With APK Energy & Water you can count on years of professional service and expertise for laying, maintaining, repairing or replacing cables and pipes for the distribution of gas, water, electricity and heat.

Our most important clients? They are industry and utility and energy distribution companies, for which we implement projects such as district heating, as well as gas and water transport networks. We also install public lighting and we can take on the distribution of gas, water and electricity for an entire city. We install household connections on behalf of large utility companies, but are also active at business sites.

For the industrial sector, we install process water and cooling water pipes. These pipes can be installed in a variety of materials, lengths, thicknesses and diameters. Moreover, we place high demands on the quality of drinking water.

As can be expected, our projects are seamlessly completed in full, according to the highest standards. Our staff has the expertise and knowledge to get the job done. Likewise for the renovation of existing pipes, including the removal of lead and asbestos; our expert staff do this by using conventional repair techniques, but thanks to our experience in applying trenchless techniques, we can also renew or re-line pipes.

HORIZONTAL DRILLING

Our APK Energy & Water division specialises in horizontal directional drilling, a simple underground drilling technique that is being used increasingly often. For laying pipelines, for example, but also for installing telecom cables, electricity cables, water pipes, etc. Directional drilling offers many advantages. For one thing, it avoids the need for extensive excavation work; two small construction pits – one where the drilling begins and one where the drilling ends – are sufficient.

The APK Energy & Water department is active in Belgium and the Netherlands. Thanks to this geographical spread, we can serve you quickly and effectively across a large region.

- An environmentally-aware partner
- Careful consideration of our ecological footprint in everything we do
- Innovative technologies
- Sustainable building materials
- Renewable energy
- Reduced CO2 emissions



Econergy

Taking care of our planet today means taking care of future generations. APK is happy to take on this responsibility. Sustainability is therefore central to all that we do.

With innovative technologies, we search for the most ecological solutions and alternatives in all our projects: in the area of energy, but also in that of building materials, in order to build optimally sustainable smart cities. Our solutions include ground-coupled heat exchange, solar energy, wind energy and energy regulation.

Moreover, we have been actively reducing CO2 emissions within the APK Group since 2016. Thanks to the implementation of the CO2 performance ladder, we are able to reduce CO2 emissions to a minimum in all facets of our company.

Every six months we review our energy policy and ecological footprint, and adjust our reduction targets accordingly. Each time, the results are announced both internally and externally.



- Excavation and groundwork
- Sewerage system work
- Demolition work
- Experienced teams
- Slipform construction projects
- Asphalt and concrete works
- Smaller projects such as ornamental pavements
- Horticultural projects (including their maintenance)



Mobility & Traffic

APK Mobility & Traffic builds and maintains infrastructure using a wide range of techniques, in the most diverse projects: from demolition work through collector work to slipform construction and even horticultural projects – for both governments and companies, from design to final delivery. We also keep an eye on the budget, maintaining high quality and the agreed delivery date.

In order not to disturb the soil balance, we reincorporate the materials released from demolition work back into the project as much as possible. This can be achieved, for example, by on-site stabilisation using our mobile mixing plants, or by supplying stabilised mixtures from our recycling sites. This approach is not only more advantageous from a budgetary point of view, but also more sustainable.

SEWERAGE SYSTEMS

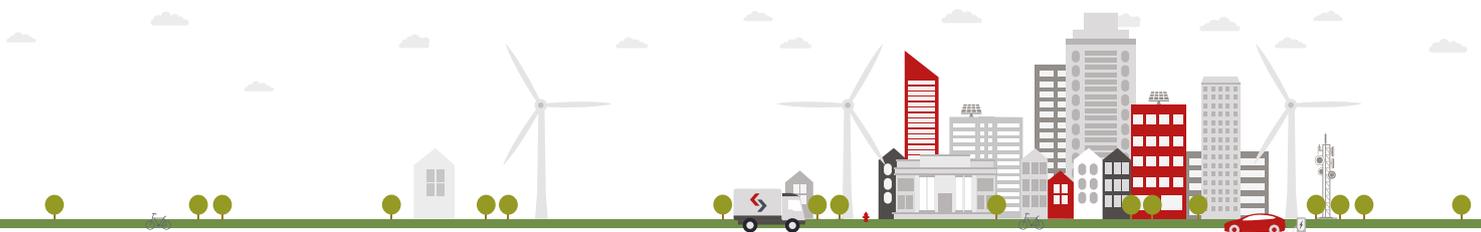
With regard to the construction of sewerage systems, we handle large collector works as well as small and medium-sized systems. This work can be done in streets, villages, new subdivisions or in and around industrial environments. To this end, we have experienced employees available who are equipped with all the resources needed to safely construct a perfectly functioning drainage system.

Moreover, the departments within APK Mobility & Traffic can rely on years of experience in the construction of paved surfaces. Take, for example, the implementation of linear elements in slipform construction, or the construction of roadways and car parks in reinforced or unreinforced concrete, during which we can construct an 8-metre wide swath at once. In addition, we can carry out your project manually or with stamped concrete.

Finally, our in-house Horticulture Department can handle the installation of all your green spaces and street furniture. We guarantee careful maintenance of your project, so that it is always in perfect order.

The strong combination of an experienced and motivated team with an extensive range of machines to handle the job makes us the best partner for your infrastructure project!

Moreover, we do this in accordance with applicable environmental standards, with experienced teams and from different locations to help you efficiently



- Maintenance of telecommunication networks
- Copper, optical fibre, coax, etc.
- For companies and individuals
- Expertise and certification
- In-house help desk and dispatch service
- Building smart cities using, for example, advanced sensor networks
- Proactive maintenance of systems



Telecom & IoT

Our Telecom & IoT department is responsible for the connection and full maintenance of telecommunication networks in all possible technologies (copper, optical fibre, coax, etc.).

The Internet of Things (IoT) means that we are increasingly using (smart) devices connected to each other via the internet. This requires a high-performance network that both companies and individuals benefit from.

UNIQUE TOTAL SERVICE

We work for all major telecom operators in the countries where we operate (Benelux and Germany), as well as for contractors and electricians. In addition, we handle connections from A to Z for individual homes.

For smooth service, we have a help desk available 24/7 and can quickly send the right technicians (thoroughly trained in-house with the corresponding provider's certificates VCA, ISO 9001, BA4 and BA5) on site from our own central dispatch service.

Thanks to our broad and in-depth knowledge of the installation of both networks and equipment, we are able to offer our customers excellent total service.

With IoT we are expanding our activities to building the smart city. With advanced networks of sensors, we can collect the data required to improve the quality of infrastructure, traffic, energy consumption, pollution reduction and safety. This happens on multiple levels: for example, innovative sensors in roads make networks smarter and proactively maintain the network.

In addition, we monitor the systems to keep everything up and running smoothly.



- Intelligent construction
- Private & public sector
- Various projects, from structural work to complete finishing, including specialisation in fair-faced concrete
- Care & quality
- Short completion time



Civil Constructions

In the world of Smart Cities, the focus is on intelligent construction. To this end, built-in technologies ensure increasing comfort. And that is what APK Group does, in both private and public sectors, with a focus on apartments, schools and residential care centres, but also in commercial and industrial construction.

Our professionally trained and certified employees are happy to take care of your entire renovation or construction project, from the structural work to complete finishing and landscaping, with an absolute minimum of worries for you. We also have in-house experts in the areas of plasterboard work, interior and exterior joinery, extensions and interior design.

In civil construction, concrete technology is also part of our work: we can achieve beautiful architectural results with complex technologies such as architectonic concrete that is cast on-site, also known as fair-faced concrete.

Our staff receives continuous training to keep abreast of the latest and most efficient technologies. Thanks to the geographical spread of our facilities, we are able to support a very large region with our services.



- One contact for your all-in-one solution
- Process optimisations
- Digitisation & measurement solutions
- One environment for all your monitoring and data
- Universal, brand independent cloud portal
- In-house software and hardware development
- Real-time data analysis and insights
- Interactive portal for service technicians



Smart Solutions

APK Smart Solutions has strong expertise in digitisation solutions for asset management, and helps customers with the detailed tracking of their valuable assets and management of subsequent services.

We look for a measurement solution to collect data that fully meets your needs, and we structure this data in an online cloud platform that can automatically analyse and report the data according to customer requirements.

Because we own our own cloud portal for data analysis and also develop our own products, we are able to fully match the functionalities of our solutions to the needs of the customer.

The power of APK Smart Solutions lies in the fact that we grow with your company. Scalability is an aspect that is continuously being tested in all our developments and products. Thus we are a good match for the smallest organisations with strong growth ambitions, to the largest players in the global market looking for a customised measuring solution.

We offer total solutions for site management and the digitisation of work sites and events, monitoring temporary and permanent utilities such as water and electricity and valuable assets in an industrial environment

Customers can also enlist our various services such as installation and maintenance, data science and analytics, and finally for tailor-made software solutions and integrations.



- Care for the environment
- Sustainable recycling
- Quality raw materials and building materials
- Groundwork and demolition work
- Stabilised sand and foundation materials
- Concrete installations and concrete delivery
- Crushing sites and recycling
- Mobile crushing installations



Recycling

APK Group attaches great importance to sustainability and safety, and has always been committed to a highly professional and modern recycling department. After all, if demolition work is not carried out correctly, it can endanger people, the environment and the surrounding infrastructure.

APK Recycling therefore ensures that released materials are carefully sorted and disposed of during demolition work and are processed at our certified recycling sites into fully-fledged building materials, always in accordance with current environmental legislation. Our department has a wide range of certifications such as BENOR, COPRO, ISO, VCA and Grondwijzer.

Our groundwork and demolition activities are closely linked to our activities related to recycling and delivering building materials. Together they form a chain that processes residual flows into new raw materials in an extremely sustainable manner.

APK Recycling makes use of diverse recycling and crushing sites. Using our own mobile rubble crushers, we ensure that stony materials released during demolition and excavation work are recycled as high-quality building materials and usable granules in the right grades. Our mobile crushers can also be deployed on location.

The sale of primary and secondary building materials plays an important role in the daily business of APK Recycling. In addition to the sale of (bound) aggregates, concrete and mixed rubble in various fractions, a wide range of other building materials is offered, including fill soil, sand, gravel, topsoil and various covering and split materials.

Foundation products such as stabilised sand are available at all our sites and are produced in our own mixing installations. They can be supplied based on composition as well as guaranteed compressive strength. From our concrete mixing plants in Genk, Overpelt and Langemark, we can offer a range of products in various concrete compositions, in accordance with applicable requirements and standards, and for use in the entire construction and infrastructure industry. Moreover, we can specially tailor concrete products with respect to composition, colour and other added components.



Activities

As an infrastructure builder, APK connects people, companies and governments. We make cities and regions smarter so that they can grow as our technology evolves. We specialise in the following seven domains:



Locations

APK Group has various branches in Belgium, the Netherlands and Germany. Our headquarters are located in Belgium.

Headquarters

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Our companies and locations

More information can be found on our website:

www.apkgroup.eu

