

Managing waste
to resource
for a better life

FCC Environment

Central and South-Eastern Europe

- › Austria › Czech Republic
- › Hungary › Poland › Romania
- › Serbia › Slovakia



Service for the Future



ment



FCC
Environment

Future

**Service for
the Future**



Foreword By CEO

55 % of the global population live in cities, which account for 60 to 80 % of energy consumption and at least 70 % of carbon emissions. These numbers will continue to grow. Global consumption of materials such as biomass, fossil fuels, metals and minerals is expected to double in the next forty years, while annual waste generation is projected to increase by 70 % by 2050. Annual waste generation from all economic activities in the EU amounts to 2.5 billion tons, or 5 tons per capita a year with each citizen producing an average of nearly half a ton of municipal waste.

Transitioning Europe towards a circular economy, where waste is prevented and the value of waste remains in the economy as long as possible will require efforts from politics, business and every citizen alike.

We at FCC Environment CEE have been spearheading this transformation since 1988. From the beginning, the driving force of our business has been the recognition that waste is a valuable resource of energy and secondary raw materials. Everything we do centres around the commitment to providing innovative solutions for businesses and municipalities to prevent waste and promote circularity. At the same time, we empower citizens with information so that environmental action can be taken early on in the chain.

We are committed to improving the quality of life for the current as well as future generations through efficient waste management services. This is our “Service for the Future”.



Waste to Resource



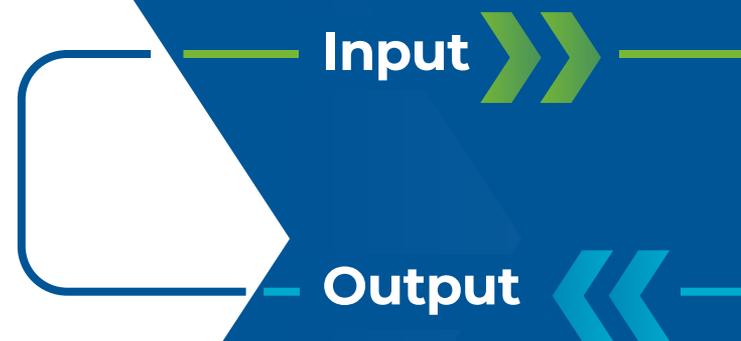


Waste to Resource: The Core Of Our Business

We see waste as a valuable source of raw materials and energy. The core of our business is to maximise the utilisation of waste. We contribute to reducing environmental burdens for future generations and help save natural resources.

Alongside the prevention and recycling of waste, we are able to recover renewable energy from non-hazardous waste collected through our business and municipal waste operations. Moreover, we minimise the amount of waste that ends up in landfills by transforming it into valuable resources.

Annual
FCC Environment
CEE contribution
to the Circular
Economy



Saving primary
resources:

-  11,238 litres of base lube oil
-  180,000 tons of brown coal
-  253.7 GWH of energy saved in production process
-  4,828,000 trees
-  2,040,111,000 litres of water in the production process

 2,522,955 tons of CO₂ saved



Waste Production & Consumption

Waste Generation

- Sorting plants**
540,000 tons SRM
- W2E**
Creating 110 GWH ENERGY
Saving 45,540t CO₂
- RDF**
121,700 tons RDF = saving
73,020 tons HEATING OIL
- Landfilling**
Creating 88 GWH ENERGY

1,250,000 bins

1,300 trucks

Waste Collection

Waste Treatment



By using remediation methods we are cleaning:
100,000 tons of polluted soil p.a. 110,000 m³ of polluted underground water p.a.

Since 1988

7 countries

160 locations

Almost 4,000 experts

Our Company

Our claim „Service for the Future” expresses the essence of our services. We improve quality of life for current and future generations. Using modern and innovative waste management solutions, we help save primary resources and dispose of waste in an environmentally-friendly friendly way.

We treat waste as a resource. From the moment it is collected by our trucks, all waste enters an integrated waste management system, utilizing state-of-the-art recycling and recovery technologies. Waste-to-energy is the final level of our comprehensive waste management system. Using our facilities, we are able to recover energy from residual and commercial waste and process separated secondary raw materials with the aim of saving natural resources.

Partnering with municipalities, we help create cities with a high quality of life. In private and public spaces. 7 days a week, 365 days a year. To this end, we collect and recover waste, clean and maintain streets, pavements and city greenery, provide parking services, road & winter cleansing, public lighting as well as funeral services. We also support industrial, commercial and retail companies to optimize their waste management processes. Last but not least, we remove ecological burdens for future generations by applying sophisticated remediation technologies.







**Service for
the Future**

Vision, Mission & Values

Our Vision

Be a benchmark international group in Citizen Services offering comprehensive and innovative solutions for efficiently managing resources and improving infrastructures while contributing to improving citizen quality of life and the sustainable progress of society.

Our Mission

Design, implement and manage environmental services in an efficient and sustainable manner to improve the lives of citizens.



Locations

With almost 4,000 employees of 26 nationalities, FCC Environment CEE provides sustainable waste management solutions at close to 160 locations in 7 countries (Austria, Czech Republic, Hungary, Poland, Romania, Serbia, Slovakia).



In countries where we do not have locations, we offer waste management concepts for state, municipality or business partners and Environmental Impact Assessments.

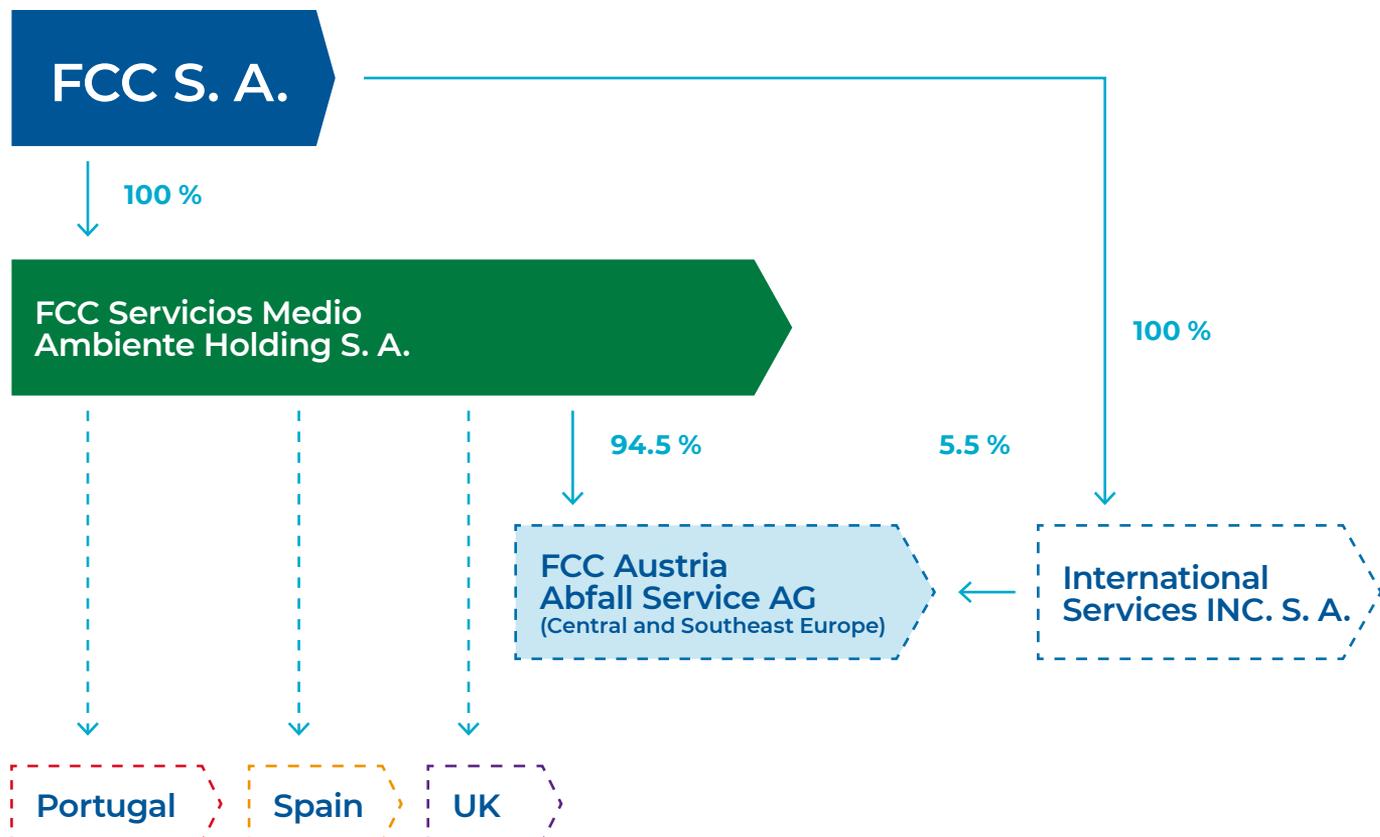
Our latest references are in Macedonia, Albania, Kosovo for IFC and OEKb.

Ownership

FCC Environment CEE is responsible for the FCC Group activities in CEE and SEE countries.

The FCC Group has 120 years' experience in providing sustainable services for citizens around the world. The company is a global reference in the environmental services, water and infrastructure sectors. With more than 59,000 employees, the FCC Group operates in over 30 countries. A company with global reach, 45% of the total revenue is generated in international markets.

Ownership structure



1988 — 1993 OUR BEGINNING

In 1988 the foundations of our company were laid down by the ÖIAG (Austrian industry-holding Ltd). Then known as SEH (Sonderabfall-Entsorgung Holding), the vision driving the company forward was clear - to offer sustainable and efficient waste management solutions. In 1991, the name of the company changed to .A.S.A. (Abfall Service Austria). In 1993, EDF (Électricité de France) took over .A.S.A. Due to the fall of the Iron Curtain the activities expanded over the Austrian border to the Czech Republic, Hungary and Slovakia, supported by an enormous hunger for environmental services.

1999 — 2003 TIME OF FURTHER ACQUISITION AND EXTENSION

.A.S.A. entered the new Millennium at full speed with expansion: in 2000 the company entered the Polish market, opening operational activities in Lublinec, Zabrze and Cracow. In 2003, .A.S.A. entered the Romanian market, building the first ecological landfill according to EU Standards.

History

1994 — 1998 EXPANSION INTO EASTERN EUROPE

After being hit by the crisis in 1993-1994, the following years were largely characterized by growth and stabilization of .A.S.A.'s market position, as well as continuous expansion into Eastern Europe.

2004 — 2008 FRESH WIND WITH NEW OWNERSHIP

This period can be summed up by vast growth. Year to year, the company broke revenue records. In 2008, thanks to further acquisitions, revenue exceeded 300 Mil EUR for the first time. In 2005, the ownership structure changed and the Spanish company FCC (FOMENTO DE CONSTRUCCIONES Y CONTRATAS, S.A.), a construction and service group listed on the stock-exchange, became sole shareholder of .A.S.A. In May 2007, .A.S.A. celebrated the laying of the foundation stone of its first incinerator plant in Zistersdorf, Austria.

2009 — 2013 STABLE PLAYER ON THE CEE MARKET during the global recession

The opening of the first incineration facility in Zistersdorf, Austria, in 2009, was one of the most important milestones in the Group's history. During those years our company focused on expanding the service portfolio and offering new services, such as used clothes collection. Stable results were achieved over this period, despite the global economic recession, demonstrating the strength and solid foundation of the Group.



2019 →

2014 — 2018 NEW BRAND, NEW COMPANY NAME

In 2014 the company profited from its regional diversity and international synergies. Against the backdrop of an unfavourable economic environment, the Group managed to achieve consolidated sales of 355.7 Mil EUR. In 2015, the rebranding from .A.S.A. to FCC Environment began, followed by the renaming of all of the companies in every country. This step fully integrated the CEE Group (formerly .A.S.A.) into the FCC Group, allowing the company to benefit from the global visibility of the brand FCC.

During 2020 to 2021, CEE countries have to transfer the ambitious targets from the Circular Economy Action Plan into national legislation. Furthermore, they will have to define precise measurements to reach the goals of the Action Plan. In line with legal requirements in the CEE countries, FCC Environment CEE will further develop the existing business models focussing on intensifying separate collection, increasing waste treatment (sorting and composting) and developing waste to energy technologies.

Our Facilities & Equipment

We are close to our customers, ready to offer support with our waste management solutions and other services. Thanks to our equipment and experienced staff, we are able to provide our services in all weather conditions.

Almost 1.3 million containers, skips and bins of all sizes as well as around 1,300 trucks and special vehicles ensure secure, flexible and efficient collection and transportation of waste to further treatment facilities. A network of transfer stations enables safe unloading or depositing of waste.

Modern trucks and special vehicles	1,301
Containers & bins	> 1,250,000
Collection yards	79
Waste Transfer Stations	36
Sorting plants	31
RDF plants	8
Splitting plants	6
Composting, Mechanical biological treatment (MBT)	19
Modern Landfills	22
Household & commercial waste incinerator	1
Incineration facility for hazardous waste	1







Certification

Already in 1993, we implemented a quality management system according to ISO 9001. At that time, we had already become pioneers in quality certification in our business field. We continue to adhere to our principles of providing high quality services to our customers, strictly keeping all safety measures to protect our employees, our customers and the environment. We have further improved and extended our systems to integrated management systems so that we can secure a sustainable way of doing business.

All our activities comply with the legal requirements, rules and regulations defined by the EU (especially 2008/98/EC) to manage the resources in a sustainable way. This is certified in accordance to the international standards ISO 9001, 14001, 27001, 50001 and OHSAS 18001, as well as a number of local country certifications. Integrated quality systems guarantee our customers services of the highest standard.





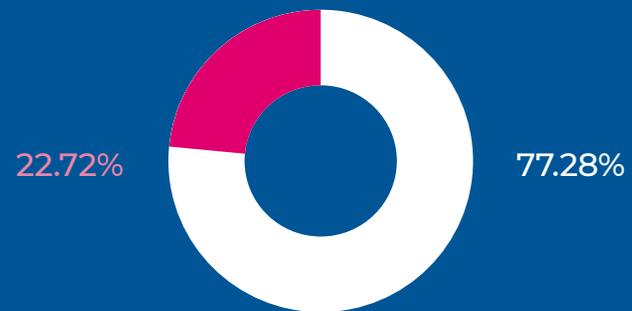
Our Employees

Our Employees

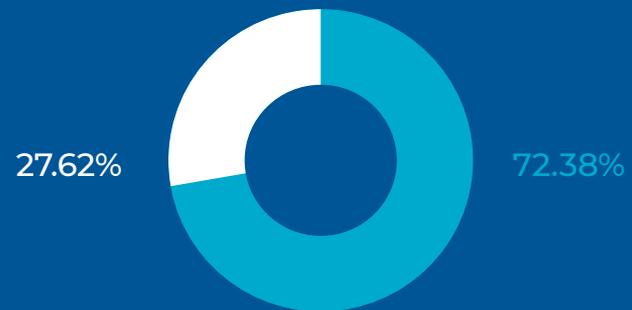
Our company is driven by our employees, who create value on a daily basis.

▶ Almost 4,000 employees

Gender Distribution



Type Distribution



▶ We promote EQUAL OPPORTUNITIES: In white collar positions the women's share is **55.13%**

- ▶ We value LOYALTY:
35% of the employees have been with our company for more than 9 years.



- ▶ We are INTERNATIONAL:
nationalities of your employees.



Innovation & Smart Solutions

Our services are essential for daily life to run smoothly in the communities and business entities. Since the beginning, our company has strived to develop innovative and cost-effective solutions, implementing the latest technologies for better and more efficient use of resources.

Digitalisation:

Implementation of new digital channels for communication with our customers (Abfall Service online, Vylož smeti, odpadonline,...)

Thanks to this service, our customers are able to order a container and ensure the safe removal and disposal of their waste literally with just a few clicks, whether from the comfort of their home or on the move.

Receive app notifications regarding when the bin will be collected by our company.

Just In Time Solutions:

Just-in time information for customers with the SMART FLEET (smart bins @ trucks).

Using RFID chips or Bar/QR codes on the bins, containers, bags and collection trucks, just in time data allows a detailed overview on waste collected.

Waste To Resource:

Treatment methods: Supporting Circular Economy by REUSE projects, increasing RECYCLE rate at the treatment.

We optimize our product flow and treatment methods to achieve the best recovery rate from the collected waste and reuse as much material as possible.

With the re-use shop Back2Life we collect reusable items being taken to the collection yards, transforming products that would have been disposed of as waste into valuable resources. This means we reduce the amount of valuable materials and products that end up in landfill.

Back To Nature Methods:

Constantly introducing new remediation methods to eliminate ecological burdens.



Our Services

Municipalities & Households



municipal & citizen services

Industry & Commerce & Retail



business waste solutions

waste processing & resource recovery

environmental services & supports



State organisations & Institutions

Municipal & Citizen services



75 % Europe's population live in cities, meaning European urban areas have a huge impact on climate change. At the same time cities are the main drivers of the economy in Europe.

We are committed to making regions and cities cleaner, thereby improving quality of life. Through collection, recycling and energy generation, our municipal services turn waste into a resource for the community. But our wider commitment focuses on helping local economies to grow, creating vibrant communities and empowering citizens. We are partners for cities and municipalities, allowing them to focus on their core business, manage resources efficiently and save time and costs.



- **Partner of 1,350 municipalities**
- **Serving 4.2 mil residents**
- **Processing 1,288 T tons municipal solid waste**
- **21 joint -ventures with municipalities**



Municipal
& Citizen
services

Our service portfolio

Resource management

- ▶ Waste collection
 - Separate waste (bio & gastro waste, used textile collection)
- ▶ Hazardous waste
- ▶ Operation of collection yards
- ▶ Container and skip hire
- ▶ Waste taxi
- ▶ Waste processing, resource recovery and disposal (link to section waste treatment)

Maintenance of public areas and city infrastructure

- ▶ Street/road cleaning and maintenance all year round
- ▶ Green area, park and botanical garden
- ▶ Funeral services and cemetery management
- ▶ Street lighting and traffic signs
- ▶ Parking services

Event services

- ▶ Pre-event consultation and hands-on support during event
- ▶ Containers and bins for waste disposal
- ▶ Continuous exchange of containers/bins, transport and management of waste
- ▶ Cleaning of the event space before, during and after, final cleaning of affected areas, roads and walkways
- ▶ 24 hour service in any weather conditions
- ▶ Security personnel
- ▶ Mobile sanitary facilities, including mobile rent toilets



Municipal
& Citizen
services

Our service portfolio

Facility management /maintenance

- ▶ In house cleaning
- ▶ Disposal of documents and data media
- ▶ Sewer and pit service
- ▶ Cleaning of photovoltaic panels

Elimination of consequences of natural disasters and environmental burdens

- ▶ Remediation
- ▶ Flood response deployment

Our References

Close relationships and/or joint-ventures with the city of Vienna (A), Prague (CZ), Brno (CZ), Liberec (CZ), České Budějovice (CZ), Znojmo (CZ), Bratislava (SK), Trnava (SK), Debrecen (HU), Gyál (HU), Arad (RO), Kikinda (RS), etc.



Business Waste Solutions: Retail, Industry & Commerce



We provide comprehensive waste management (CWM) services for industrial, commercial and retail companies of any size and from various industry sectors, ranging from automotive, railway, airport, pharmacy to agriculture. Our waste management solutions span from consulting, transportation, facility services to complex waste management concepts. Providing customized solutions to suit individual customer needs, our team at FCC Environment CEE starts with a thorough analysis and continues with individual and professional consulting and the development of concepts for all business -internal waste processes like waste collection and transport, separation, sorting and recycling, as well as facility cleaning services.



➤ **>54,000
C&I clients**

➤ **Processing
3,818 T tons
of waste**



Business
Waste Solutions:
Retail, industry
& commerce

Our service portfolio

Waste & Resource Management

- ▶ Waste Collection and Transport, Container and skip hire
- ▶ Waste processing, resource recovery and disposal
- ▶ Secondary raw materials, production waste, „Green point“ materials, hazardous waste, special disposal for the hospitality sector, flue gas cleaning residues,...

Facility Services

- ▶ Indoor and outdoor cleaning services
- ▶ Construction site services
- ▶ Park and garden maintenance
- ▶ Clearances
- ▶ Disposal of documents and data carriers

Consulting

- ▶ Creation of waste-management concepts
- ▶ Waste declarations and statistics



Business
Waste Solutions:
Retail, industry
& commerce

Our service portfolio

Our References

Globus, Spar, Tesco, IKEA or OBI in the trade and retail sector, Miele Technika s.r.o. in industrial sector. Škoda Auto a.s., Hyundai Motor Manufacturing Czech, s.r.o. or Volkswagen from the automotive industry.



Environmental Services & Support



At FCC Environment CEE we strictly focus on disposing of waste sustainably while minimizing environmental impact. Deploying state-of-the-art, patented technologies we optimize remediation of contaminated sites. In cooperation with governments, local authorities and business customers we develop sustainable waste management concepts and offer consulting services for environmental impact assessments. Friendly to the environment, we manage technologies for the reprocessing of waste (energy appreciation, secondary raw materials, certified reclamation material, etc.).

In addition, we foster environmental education in schools and companies through training programs and by initiating recycling competitions and training programs.



Environmental
Services
& Support

Our service portfolio

Remediation of ecological burdens

- ▶ Industrial, municipal and hazardous waste landfills
- ▶ Contaminated soil, water and groundwater
- ▶ Contaminated buildings, constructions and other technological complexes - demolitions, sorting, crushing, recycling
- ▶ Reclamation of thixotropic sludge lagoons
- ▶ Processing and recovery of petroleum refining waste

We use our own patented technologies meeting the parameters of BAT (best available technology).



Our References

PARAMO, a.s.
Pardubice (CZ),
Aircraft Industries, a.s.
Kunovice (CZ), ŠKODA
AUTO Mladá Boleslav
(CZ), REKKA s.r.o.
České Budějovice (CZ),
Jihočeské dřevařské
závody Soběslav, a.s. (CZ),
MEP Postřelmov a.s.
(CZ), Slovnaft a.s.
Bratislava (SK),
Slovenské elektrárne, a.s.,
(SK), Remediation of
a former bituminous
mix plant in Milevsko
(CZ), Toxic waste
remediation Kamenné
srdce (SK).

Our Respon- sibility

FCC contribution
to the Sustainable
Development
Goals



GOAL 4: Quality Education Environmental Awareness Projects

- ▶ Since 1997, FCC Environment CEE has been offering its own Ecological Education Programme for schools and businesses.
- ▶ 124,000 children are involved in those educational programmes every year.
- ▶ More than 50,000 tons of paper collected thanks to recycling competitions.
- ▶ More than 30 excursions and events annually for the younger generations at our plants.



GOAL 6: Clean Water & Sanitation

- ▶ Using remediation methods we clean around 110,000 m³ of polluted underground water per year.
- ▶ 2,040,111,000 litres of water are saved in the production process as a primary resource.
- ▶ We clean leachate water from landfills and bring it back for the further use.



GOAL 7: Affordable & Clean Energy

- ▶ Production of renewable energy at our plants: 110 GWH energy generated per year at Waste 2 Energy plants and 88 GWH ENER-GY generated per year from landfill gas at our cogeneration units and by other treatment.



Goal 11: Sustainable Cities & Communities

- ▶ Using innovative waste management solutions we contribute to reducing the environmental burden of cities.
- ▶ Through continuous maintenance of green and public spaces, FCC Environment CEE improves quality of life for citizens.



Goal 12: Responsible Consumption & Production

- ▶ Implementing sustainable management and efficient use of natural resources.
- ▶ Substantially reducing waste generation through prevention, reduction, recycling and reuse.



Goal 13: Climate Action

- ▶ With our remediation methods we contribute to the reduction of climate-related hazards and natural disasters.





**Service for
the Future**



www.fcc-group.eu

