

GOOD TOMORROW!

SOLUTIONS FOR THE FUTURE

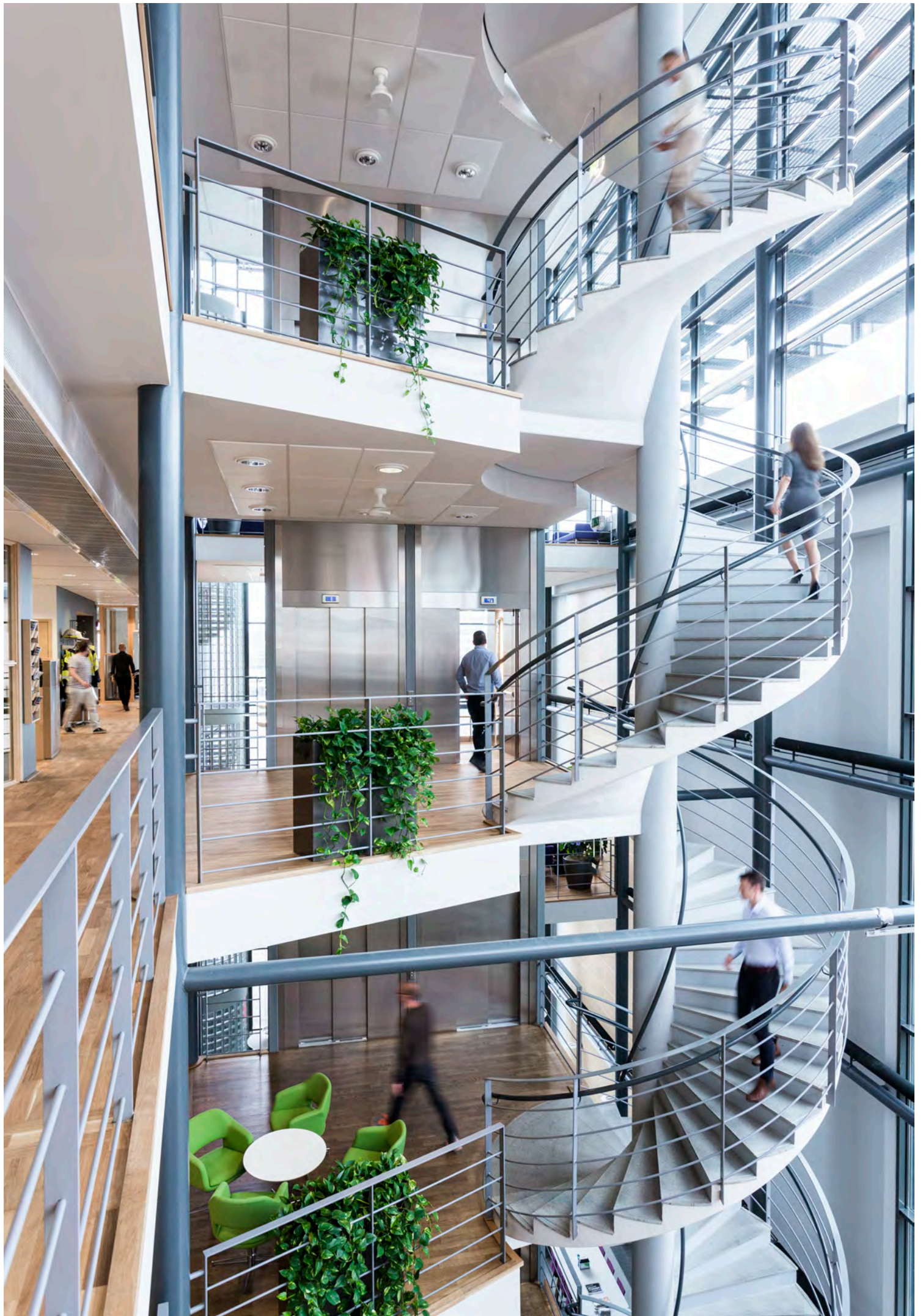


TYRÉNS
tomorrow matters

What we do today impacts our future.

At Tyréns we work with building communities, with the goal of creating better conditions for the cities of today and tomorrow. This is possible thanks to our skilled engineers, architects and community planners. And thanks to that our profits go to research and development.

Tomorrow matters. We work together with our clients to find solutions for a better



THIS IS TYRÉNS

We are curious and always keen to learn more about new technology, new solutions and your needs. Curiosity is one of our most important driving forces and a catalyst for development, both for us and you as a customer.

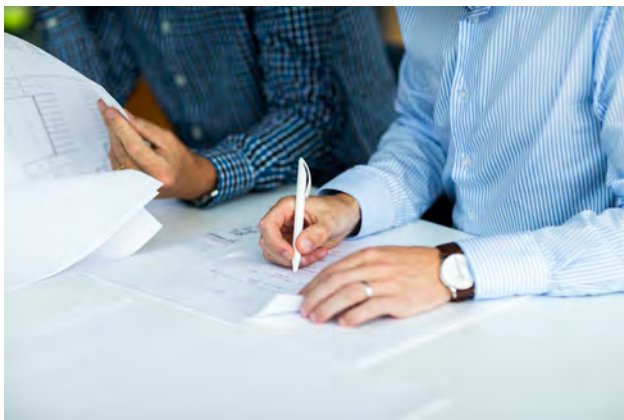
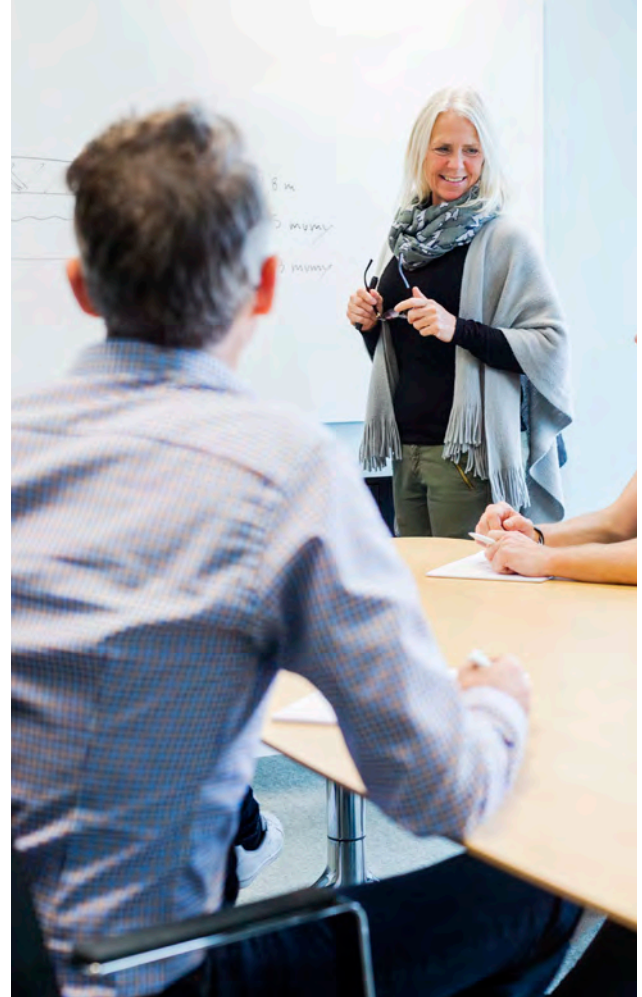
We identify possibilities that are sustainable without sacrificing cost efficiency and functionality. We take ecological, economic and social aspects into consideration in our projects.

We arrive at new solutions through the use of new tools, work processes and knowledge. Knowledge enables us to grow and helps us to find the best solution to your challenges.

We take a holistic approach using integrated working methods. Thanks to transparency and collaboration between our different service areas we can deliver our collected competence in each individual project

We are sensitive to your needs. Communication, openness and a long-term perspective are cornerstones as we strive to establish sound commercial relationships..

We are at the forefront of development. Our engineers and associates spearhead the effort to improve both work processes and products as we work toward a more climate-smart society.



OUR IDEA

Tyréns is a leading consultancy company offering qualified and innovative services within urban development. We are already working on the basis of tomorrow's requirements for sustainable development. We are delivering the solutions of the future.

RESEARCH & DEVELOPMENT FOR SUSTAINABLE COMMUNITIES

Our associates have the expertise and curiosity required to identify the right solutions to your challenges. At Tyréns we have a long-term dedication to research and development in order to create new solutions for sustainable community development.

Tyréns is owned by Sven Tyréns Foundation. Our form of ownership makes it possible for us to reinvest our profits from the consultancy business to finance research and development within community development.

Each year the Sven Tyrén Foundation contributes research funds to various research and development projects to further the formation of new knowledge and the development of new technologies and sustainable solutions.

OUR SERVICE AREAS



ACOUSTICS

When designing public spaces, residential areas, offices and industries, it is increasingly important to limit noise and create a good acoustic environment. We have one of Sweden's largest acoustics departments, with unique expertise in acoustic design, room and building acoustics, as well as industrial and urban noise pollution.



ANALYSIS, STRATEGY & PLANNING

Sound analysis followed by a thoughtfully-considered strategy is crucial for a successful project. Tyréns assumes a holistic approach in which we examine social, economic and environmental relations in all commissions. You have access to our broad spectrum of competencies in each individual project.



ARCHITECTURE

Architecture is about approach and empathy, understanding needs and creating solutions. Tyréns' wide-ranging expertise in urban planning enables it to assist with everything from planning in the early phases to detailed planning, design, specification of requirements, and advice.



BIM

BIM (Building Information Modelling) helps you to achieve increased profitability and higher quality without sacrificing safety and quality. Tyréns is one of the leading consultants within BIM, which entails working together on the basis of model-based information throughout the entire life-cycle of the building and installation.



BRIDGES

A bridge is both a construction challenge and a powerful symbol with great importance for our society. Tyréns offers services along the entire chain from preliminary surveys to completed work documentation for everything relating to bridges, tunnels and similar structures.



CULTURAL HERITAGE & BUILDING PRESERVATION

Building preservation and cultural heritage is about protecting our common cultural heritage for the future. Over many years, Tyréns has gathered specialist expertise in cautiously creating sustainable solutions based on the needs of each building and project.



ELECTRICS, LIGHTNING DESIGN & TELECOM

Networks involving electricity, lighting and telecommunications both inside and outside properties are becoming ever more complex. Tyréns' installation experts have broad experience of the optimal integration of electrical, safety and communications systems. We also offer light design for exterior and interior environments.



ENERGY AND BUILDING PHYSICS

The demand for smart structural engineering solutions that reduce energy consumption and improve the indoor climate is growing steadily. Tyréns' specialists help you to take a comprehensive approach to energy issues in everything from requirements specification to project planning and implementation.



ENVIRONMENTAL CONSULTING

The climate is one of the greatest challenges of our time, at the global level as well as for each individual construction and civil engineering project. At Tyréns, the environment is an integral part of almost everything we do, and we have a large number of consultants who work primarily with commissions relating to the environment.



FIRE, RISK AND SAFETY

Properly implemented safety measures both protect people and are good for the economy. We conduct risk analyses and safety improvements and develop systematic fire and safety protection for buildings, industries and infrastructure projects.



GEOGRAPHIC INFORMATION TECHNOLOGY

High quality geographic information is crucial for building modern communities. Tyréns carries out all types of surveying and cartographic commissions. We work with the whole chain, from collection and analysis to presentation and administration of geographical data.



GEOTECHNICAL ENGINEERING

We carry out geotechnical surveys that result in cost-effective and safe structures. It involves everything from geophysical field and laboratory studies to risk analyses, evaluations and complete project planning and construction documentation.



HVAC, COOLING AND ENERGY SYSTEMS

Effective water supply and a comfortable indoor climate all year round are among the fundamental elements in a modern building. Tyréns develops advanced water, heating and sanitation systems, as well as cooling and energy systems for offices, homes, industrial facilities and listed buildings.



LANDSCAPE & LIGHT

We want to create outdoor environments which work well and which have high aesthetic values. Landscapes can be built up from simple and sustainable materials to create natural and cultural values in urban and rural areas. Tyréns gets involved early on in planning and surveying, as well as at later stages, working with everything from design and project planning to implementation issues.



PROJECT MANAGEMENT

Projects in urban development are often large and complex by nature. Tyréns has long experience of managing these extensive projects, which involve large numbers of actors. At Tyréns, project management means we take responsibility for the overall execution of the project, and always ensure an optimum delivery.



RAIL ENGINEERING

A railway is a technology-intensive system and an important part of the society we are building for the future. Tyréns offers complete solutions and cutting-edge expertise in all phases of a rail project – from conceptual studies and planning to completed system and construction documentation.



ROAD DESIGN

Good infrastructure is the artery spreading life in and between our communities. Tyréns offers services in all phases involved in laying a road or street. We investigate and plan projects and also help in project management, 3D visualisation, inspection and maintenance planning.



ROCK ENGINEERING

With increasingly extensive rock-based construction, stricter requirements are being imposed on both practical and theoretical expertise in rock engineering. We can assist you with everything from preliminary studies, project planning and construction to inspection and maintenance of rock installations.



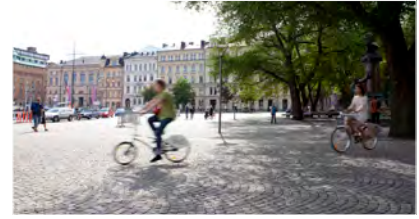
SOIL & GROUNDWATER REMEDIATION

Don't let contamination pop up as an unpleasant surprise during the latter stages of your project. With specialist expertise and long-standing experience in risk assessment and ecotoxicology, Tyréns' experts help you prevent the spread of contaminants and other types of environmental problems.



STRUCTURAL ENGINEERING

Tyréns' experts know what is required to extend the boundaries of advanced structures in materials such as concrete, steel and wood. We offer solutions for both large and small projects for building as well as bridge construction.



SUSTAINABILITY

Limiting the environmental burden from our constantly expanding urban areas is a tough challenge. Tyréns' experts work in an interdisciplinary fashion to include all aspects of sustainability as early as the planning stage of a new district, traffic route or section of a railway line.



TRAFFIC PLANNING & MANAGEMENT

Traffic is not just about cars, it is just as much about pedestrians, cycling and public transport. Tyréns is actively engaged in producing modern, safe and sustainable travel and transportation as a part of the development of attractive and smart cities. Our focus is a functioning and balanced traffic system.



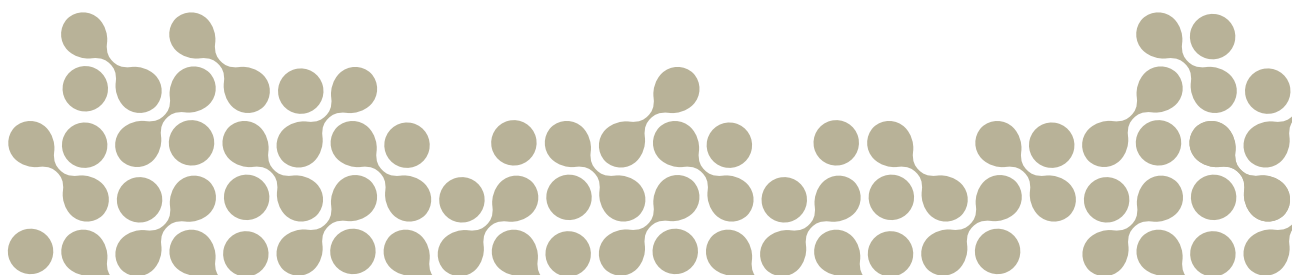
WASTE

Good waste disposal is a vital part of a sustainable society. Tyréns has broad expertise within the field and can assist with prevention of waste, waste in urban development, municipal waste management and landfills.



WATER

Water is the basis of all life and the constant focus of urban development. Tyréns is one of the largest water and environmental consultants in Sweden. We work with water in different forms, everything from surface- and ground water to drinking water, storm water, waste water and sewage.



Tyréns is one of Sweden's leading community development consultancies. Together with our customers and partners, we create sustainable solutions in the fields of urban development and infrastructure. We have 2 700 employees across our operations in Sweden, Denmark, the UK and Estonia.

Tyréns is owned by a private foundation and this makes it possible to commit ourselves to research and development within the urban and rural development sector. We are driven by a thirst for knowledge and work closely with universities and other research institutes.

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Gällivare	Lycksele	Örebro
Gävle	Malmö	Örnsköldsvik
Helsingborg	Norrköping	Östersund
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