



# Schindler Global Award 2019

## Press Kit



# Schindler about Schindler Global Award

## **We're Schindler.**

Schindler was founded in 1874 in Lucerne, Switzerland, and is today one of the world's leading providers of elevators, escalators, and moving walks. Schindler designs, develops, manufactures, installs, maintains and modernizes elevators, escalators and moving walks. We're also experts in developing innovative technologies and systems that combine our products into urban mobility solutions. The Schindler Group has more than 1,000 branch offices in over 100 countries worldwide, as well as production sites and research and development facilities in the USA, Brazil, Europe, China, and India. Over one billion people use Schindler urban mobility solutions every day.

## **Why the Schindler Global Award?**

The Schindler Global Award is part of our company's commitment to building sustainable urban environments. Since 1874, when we began making our first elevators near Lucerne, Switzerland, we have seen the cities of the world rise and grow – and we have played a large part in helping to build them. In the 20<sup>th</sup> century we made it possible for buildings – and people – to rise vertically above the earth's surface to heights inconceivable in any earlier age. In the 21<sup>st</sup> century our cities present a new kind of challenge, as growing urbanization and globalization catalyze environmental, social and other changes. The Schindler Global Award is our effort to respond to the challenges of our current and future cities, by supporting those who will go on to create them: today's students.

## **Schindler and the City**

We make elevators, but we see the city as a skyline of interconnected vertical and horizontal mobility networks. From sky lobbies to train stations, our products help people move freely, safely and comfortably. We feel responsible for pushing forward innovations that support sustainable cities. All of our products are designed with efficient, energy conserving materials and manufacturing. Since 2004 Schindler has been certified to ISO 14001, a global third-party environmental management standard. When cities seek to integrate their public transportation infrastructure into the urban fabric of the 21<sup>st</sup> century, we make it happen. When buildings need complex traffic management systems to handle tens of thousands of daily movements by occupants, we have solutions. From the coordinated movements of multiple elevator zones in a skyscraper, to people travelling from home to work and back again, to a family riding up to their apartment from an underground car park, Schindler helps make cities possible.

## **Elevate or Escalate, Either Way We're Going UP!**

Since the launch of the modern-day elevator with Elisha Otis's demonstration of the first mechanical safety system in 1854, our industry has scaled ever-higher heights, carried ever-larger traffic loads and met ever-changing environmental demands. At Schindler, we have always worked closely with architects, planners, developers and aligned industries to design and deliver safe, comfortable, convenient and highly efficient vertical mobility solutions. Schindler has innovated many times, making elevator travel faster, more sustainable and suitable for more and more complex projects. Destination management was our innovation; it is now becoming the accepted standard for both passenger comfort and building efficiency worldwide. Today, with The PORT Technology and the new myPORT, we still lead the world in elevator innovation.

## **Vertical Mobility as an Urban Service**

We have a legacy of over 140 years of being not only a successful commercial company, but also of providing a vital public transport infrastructure service – the only public transport service in the world that is completely unsubsidized yet free to use around the clock! We take our duty of service very seriously; we see ourselves as an urban service provider to the billion-plus people who use our products every day. Over half of all Schindler employees (there are over 57,000 of us in total) work in installation and maintenance, yet we're about much more than nuts and bolts. One of our latest innovations is a suite of digital apps that help our technicians care for our elevators. We worked with MIT to develop them, and made a movie about it with Apple. These apps help our engineers keep our products working optimally, safely and around the clock. They help to give our customers an instant overview or details about all or any of the elevators or escalators in their real estate portfolio – and they take you where you need to go.

# Schindler Global Award 2019

## Press Release

**May 10, 2019**

### **France takes First Prize with Winners from Around the World**

A team of two students from the École Nationale Supérieure d'Architecture in Grenoble, France won the US\$ 25,000 first prize in 2019 Schindler Global Award (SGA), for their project "Flood Me if You Can." The SGA, now in its third cycle, is the leading international student urban design competition. Students were asked to respond to the competition brief, titled "Leapfrogging Development: Urban Transformation in Mumbai." A jury of experts and practitioners, including Nathalie de Vries of MVRDV, Momoyo Kajima of Atelier Bow-Wow, and Rahul Mehrotra of Harvard University, among others, awarded 12 prizes with a total prize value of US\$ 105,000.

"What impressed all the judges was not just the creativity and detail of the competition entries, but the intelligence and sensitivity they applied to balancing sustainable habitats with sustainable communities and sustaining cultures" said Neil Runcieman, Head of Employee and Customer Communication Schindler Group.

Urbanization presents some of the greatest challenges and opportunities of the 21<sup>st</sup> century. The SGA asks students of architecture, landscape architecture, urban design and planning to contribute their ideas towards a better urban future. The 2019 competition used Mumbai as its site, focusing on the urban transformation of a large waterfront area, with a focus on mobility. On May 10, 2019 the results of the competition were revealed in an award ceremony held in Mumbai.

Schindler Group hosted the Schindler Global Award 2019 with academic partners ETH Zurich and the University of Liechtenstein. The Schindler Award was established in 2003, and went global in 2015.

The SGA competition in Mumbai, India follows competitions sited in São Paulo, Brazil in 2017, and Shenzhen, China in 2015. Over the years students have been challenged to look at how these international megacities could be improved through specific urban design ideas, addressing environmental, social and spatial conditions, along with attention to political and economic forces.

Hundreds of student teams from around the world have competed in the Schindler Global Award since its inception. The SGA offers students a unique and vital chance for students to engage in a global exchange about urbanization.

The SGA 2019 publication presents the results of the competition, along with insights from a diversity of experts about sustainable urban development.

[www.schindleraward.com](http://www.schindleraward.com)

# Schindler Global Award 2019

## A shared global global responsibility for future cities

### **Principle**

The 2019 competition is based in Mumbai, India. Schindler Group hosts the SGA with academic partner ETH Zurich, led by the Chair of Architecture and Urban Design, Professor Kees Christiaanse and the University of Liechtenstein, Professor Peter Staub, Chair of Architectural Design and Theory. The competition language is English.

### **Participation**

The SGA was open to students of architecture, landscape architecture, urban design and planning, in their final Bachelor degree year and Masters degree students in any year, including thesis. Students could participate individually or in teams, and each entry must had a faculty supervisor.

### **Brief and Site**

The 2019 SGA brief was centered on the idea of “Leapfrogging Development: Urban Transformation in Mumbai”. Students are asked to design a holistic response to specific challenges using a clear focus and background research. The SGA asks students for new ideas about how urban transformation in Mumbai can ensure a resource responsible, livable future for its inhabitants. An estimated 22.8 million people live in the city now, and that number will grow.

### **Prizes and Jury**

An international jury of renowned experts will nominate the winning entries and allocate the awards, with a total prize sum of over US\$ 100,000.

### **Competition Management**

Schindler ran the competition in partnership with the ETH Zurich, Professor Kees Christiaanse, Chair of Architecture and Urban Design and programme coordinator of the Future Cities Laboratory (FCL), along with the University of Liechtenstein, Professor Peter Staub, Chair of Architectural Design and Theory.

# Schindler Global Award 2019

## Competition Brief

### **Leapfrogging Development: Urban Transformation in Mumbai, India**

The Schindler Global Award (SGA) is a student urban design competition with a focus on mobility. It is an ideas competition, intended to engage students in formulating a response to complex conditions in cities across the globe.

The 2019 competition site is in Mumbai, India. An estimated 22.8 million people live in the city's catchment area including the Mumbai Metropolitan Region.

In an exciting turn of events, Mumbai will soon have about 725 hectares of space open up for development in the coming years, in an area known as the Eastern Waterfront. It is the biggest section of land slated for development in the city's central peninsula in the past decades by a wide margin. The future of the Eastern Waterfront is the focus of the SGA.

The theme of the 2019 SGA is "Leapfrogging Development: Urban Transformation in Mumbai." The theme asks students to submit their ideas about how to leapfrog, or skip over, steps or phases of urban development that are demonstrably unsustainable, from social, economic, environmental, and structural perspectives. Many cities in transition, along with new and certainly future cities will face this question.

On that basis, the competition is looking for overarching ideas about how the Eastern Waterfront could be developed and what its role could be in the city and in the context of the Mumbai Metropolitan Region. These ideas should be elaborated in greater detail within a specific zoom-in area with the help of plans, sections, drawings, renderings, etc., at a variety of scales.

The project should be described using a comprehensive narrative structure that explains the logical coherence between analysis and design. An underlying concept and logic for the design should be clear. The choice of a focus for the design is essential, but the comprehensive nature of the competition means that a multifaceted response is required. A range of scenarios can be tested with impact assessments of their possible spatial, social, economic and environmental consequences.

This is a condensed version of the full competition brief.

# Schindler Global Award 2019

## Jury Members

The Jury Schindler Global Award met in March 2019 in Mumbai, India. The two-day process was filled with lively debate about the student projects and methods of urban intervention. Jury president Rahul Mehrotra guided the jurors in selecting twelve nominees from over 100 qualified competition entries. A final ranking of the winners was conducted at the close of the final session. The jury members were:

**Mr. Peter Beard**

Landscape Architect, Visiting Professor at Politecnico di Milano, Italy;  
Principle of LANDROOM, Domodossola, Italy

**Prof. Momoyo Kaijima**

Architect, Professor of Architectural Behaviorology at ETH Zürich, Switzerland;  
Principal and Co-Founder of Atelier Bow-Wow, Tokyo, Japan

**Prof. Rahul Mehrotra**

Architect, Professor of Urban Design and Planning at Harvard University;  
Founder Principal of RMA Architects, Mumbai+Boston

**Prof. Jagan Shah**

Architect, Urban Designer and Architectural Historian & Theorist,  
Director of the National Institute of Urban Affairs, New Delhi, India

**Prof. Em. ir. Dirk Sijmons**

Landscape Architect, Co-founder of H+N+S Landscape Architects, Amersfoort, Netherlands,  
Emeritus Professor of Landscape Architecture TU-Delft

**Mr. Romi Khosla**

Architect, Founder of Romi Khosla Design Studio, New Delhi, India

**Mr. Uday Kulkarni**

Managing Director at Schindler India Pvt Ltd.

**Prof. ir. Nathalie de Vries**

Architect and Urbanist, Founding partner of MVRDV, Rotterdam, Netherlands,  
Professor for Architecture at the TU Delft, Netherlands

**Mr. Neil Runcieman**

Head of Employee & Customer Communications Schindler Group

**Ms. Judit Carrera**

Director of the Centre for Contemporary Culture of Barcelona;  
Director of the European Prize for Urban Public Space

**Prof. Dr. Stephen Cairns**

Director, Future Cities Laboratory (FCL), ETH Zürich

**Prof. em. Ir. Kees Christiaanse**

Founding Partner KCAP Architects & Planners, Chair of Architecture and Urban Design at ETH Zurich (2003–18),  
Programme Leader (2011–15) and Project Leader (since 2011) at the Future Cities Laboratory in Singapore

**Prof. Peter Staub**

Rector (ad interim), University of Liechtenstein,  
Chair of Architectural Design and Theory, University of Liechtenstein



Jury, from left to right

# Schindler Global Award 2019

## Winners

### First Prize

Students:

Academic Supervision:

### Team 57 – FLOOD ME IF YOU CAN!

– Soufiane Chibani, Lucie Perrier

– Fred Guillaud

– École Nationale Supérieure d'Architecture de Grenoble (ENSAG), France

### Second Prize

Student:

Academic Supervision:

### Team 158 – FORM-BASED CODING

– Evan Shieh

– Prof. Joan Busquets

– Harvard Graduate School of Design, USA

### Third Prize

Students:

Academic Supervision:

### Team 239 – URBAN METABOLISM.

– Beatrice Bucher, Natascha Fakler, Victoria Johann, Verena Krappitz, Yannik Plachtzik, Eva Racz, Charlotte Raisch, Sara Schäfer, Regina Stolz, Christine von Raven

– Prof. Fabienne Hoelzel, M.A. (AAD) Sebastian Schott,

Dipl.-Ing. Ute Vees and Prof. Tobias Wallisser

– State Academy of Fine Arts Stuttgart, Germany

### First Honorable Mention

Students:

Academic Supervision:

### Team 54 – HYDROHOODS OF TO-MORROW

– Rehma Asghar, Joseph Giambri, Naymah Hashmi, Christopher Long, Sean Rackowski, Chau Tran, Bo Zhang, Catherine Brito, Kassandra Castillo, Priti Dawadi, Matteo Ferraro, Vishnu Shankar Krishnan, Rebecca Morales, Melissa Nieves

– Prof. Georgeen Theodore

– College of Architecture and Design, New Jersey Institute of Technology, USA

### Second Honorable Mention

Students:

Academic Supervision:

### Team 74 – MUMBAI'S WATERS

– Cyril Costes, Achille Pelletier

– Frédéric Dellinger

– École nationale supérieure d'architecture de Grenoble (ENSAG), France

### Third Honorable Mention

Student:

Academic Supervision:

### Team 204 – SPATIAL MEDIATIONS FOR MUMBAI'S URBAN AND ENVIRONMENTAL CHALLENGES

– Sebastian Gaviria Gomez

– Ignacio Cardona

– Harvard Graduate School of Design, USA

**Travel grant**

Students:

Academic Supervision:

**Team 51 – SHARED SURFACES**

– Shurui Zhang, Ziqing Ye

– Prof. Robin Dripps

– School of Architecture, University of Virginia, USA

**Travel grant**

Students:

Academic Supervision:

**Team 62 – MUMBAI CHRONOTOPIA**

– Anaïs Berthomé, Chiara Ciralli, Pierre Desriscourt de Lanux, Léa Guignard, Guillaume Jacquot, Clémence Montigny

– Assoc. Prof. Alain Guez

– Ecole Nationale Supérieure d'architecture de Nancy, France

**Travel grant**

Students:

Academic Supervision:

**Team 98 – CO-WATERING**

– Marcin Bombalicki, Zofia Kurczyk, Maurycy Olszewski, Monika Wegierek

– Prof. Dr. hab. Ewa Kuryłowicz

– Warsaw University of Technology, Poland

**Travel grant**

Students:

Academic Supervision:

**Team 155 – AMPHIBIOUS FUTURES**

– Mariam Al Hamouti, Miguel Herreras

– Victoria Acebo and Angel Alonso

– Superior Technical School of Architecture of Madrid (ETSAM), Madrid

**Travel grant**

Students:

Academic Supervision:

Participating Universities:

**Team 180 – FROM PORT TO PORT**

– Jingjia Chen, Yunkai Li, Yangfanqi Liu, Huihui Luo, Yuchien Hou, Yuhui Wang, Yaxin Wu, Dongyu Zhang

– Assoc. Prof. He Huang and Assoc. Prof. Yu Ye

– Department of Urban Planning, School of Architecture, Tsinghua University, China

– Historic City Conservation Institute, China,

Academy of Urban Planning and Design, China,

College of Architecture and Urban Planning, Tongji University, China,

Department of Urban Planning, School of Architecture,

Tsinghua University, China

**Travel grant**

Students:

Academic Supervision:

**Team 235 – HERETICAL NATURALNESS**

– Farah Moawad, Shereen Nouredin, Youssef Rashdan

– Assoc. Prof. Holger Gladys

– German University in Cairo, Faculty of Engineering and Materials Science (EMS), Egypt

# Schindler Global Award 2019

## Leapfrogging Development: Urban Transformation in Mumbai, India

### **Contact the Schindler Award Committee**

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