



School of tomorrow - Gaziantep

ISOVER MULTI-COMFORT HOUSE STUDENTS CONTEST

10th International Stage – Bucharest 2014







Bucharest, Romania

May 28-31 2014

Willkommen!

Сардэчна запрашаем!

Добре дошли!

Dobro došli!

Vítame Vás!

Tere tulemast!

Tervetuloa!

Кош келдініздер!

Добро пожаловать!

Ласкаво просимо!

Hoşgeldiniz!

Laipni lūgti!

Sveiki atvykę!

Bine ati venit!

Vítáme Vás!

Dobrodošli!

Bienvenido!

Bienvenue!

Welkom!

Welcome!

Witamy!





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Introduction



Participating countries to final stage of ISOVER Multi-Comfort House Students Contest Edition 2014. First time participating countries: Belgium, France and Kyrgyzstan.

HISTORY

During 3 days, between 28th and 31st May, 58 student teams from 22 countries competed in the 10th International Stage of the ISOVER Multi-Comfort House Students Contest in Bucharest, Romania. Participants were coming from: Austria, Belarus, Belgium, Bulgaria, Croatia, Czech Republic, Estonia, Finland, France, Kazakhstan, Kirghizstan, Latvia, Lithuania, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Turkey, and Ukraine

The event, dedicated to architecture students, aims at better disseminating the ideas of energy efficiency as well as the different comfort dimension among these future opinion leaders. It is based on the Saint-Gobain Multi-Comfort Concept and it was originally held at international level in Bulgaria in 2005.

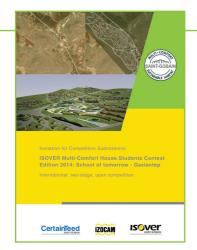
The competition is structured in 2 stages: national stages followed by an international one were the best projects from each country compete.

For 2014 edition, 1500 students from more than 100 universities registered for the participation to the national stages.

ASSIGNMENT

The participants to ISOVER Multi-Comfort House Students Contest 2014 Edition were requested to design a school dedicated to children between the ages of 6 to 10, that combined classical school elements with modern learning facilities taking in to account the existing realities for the new ECO Project developed by the Municipality of Gaziantep, Turkey.

Saint-Gobain ISOVER and IZOCAM would like to thank to the City Administration Office of GAZIANTEP for all support during the drafting of this task.



FINAL STAGE

The contest started with the opening of poster exhibition giving the participants, the jury members and the representative of Gaziantep Metropolitan Municipality a first change to see all the proposed projects.



Mr. Latif Karadağ Vice Mayor Gaziantep Metropolitan Municipality

The members of the jury were:

- Mrs. Seda Müftüoğlu Güleç Architect, Green Building Expert, Gaziantep Metropolitan Municipality, Turkey
- Mrs. Zaure Aitayeva Architect, Senior Manager Department of Architecture, National Company Astana EXPO-2017, Kazakhstan
- Mr. Roland Matzig Architect, Certified PH designer, RMP architects, Germany
- Mr. Slawomir Szpunar Architect, International Marketing Director, Saint-Gobain
- Mr. Leif Andersson Engineer, International Manager Innovation & Solutions, Saint-Gobain Insulation



Participants in the ISOVER Multi-Comfort House Students Contest 2014 International Stage



The International Winners 2014

During the second day each participating team had the opportunity to present their design and ideas to the jury as well as to the other participants in the hall and to friends and colleagues watching them online as the event was webcast live.



THE INTERNATIONAL WINNERS 2014

- 1ST PRIZE: HAGAI BEN NAIM, WENXIN NAN, MARCIA KUBRUSLY TOSIN CLOQUETTE from National Superior School of Architecture, Paris Malaquais, France
- 2ND PRIZE: ZUZANA ZELINGEROVA, MAREK NOVAK from Czech Technical University, Prague, Czech Republic
- **3**RD **PRIZE**: RADU ENEA, CLAUDIU UNGUREANU from Gheorghe Asachi Technical University, lasi, Romania Special prizes:
- BOGUSH VICTORIA, BELAZORAVA VERANIKA from Belarusian National Technical University, Minsk, Belarus
- ANNA HOTS, ULYANA PRYTYKA, LILI RUDENKO from Lviv National Polytechnic University, Lviv, Ukraine
- ANTON FEDYANIN from Kazakh National Technical University, Almaty, Kazakhstan
- HEBA NAZER, ABRIL BALBUENA, UMER MAHMOOD from University of Nottingham, United Kingdom



Students Hagai Ben Naim, Wenxin Nan, Marcia Kubrusly Tosin Cloquette from National Superior School of Architecture, Paris Malaquais, France - winners of the first Prize at the 10th International Edition of ISOVER Multi-Comfort House Students Contest



The Professors



KARIN STIELDORF

Graduated architecture at the Innsbruck and Vienna Universities of Technology. She has practical experience in architecture offices in Innsbruck and Vienna and wrote her thesis at the Department of Building Construction and Design (Solar and Low Energy Architecture in Austria, 1997, with Univ. Prof. DI Dr. E. Panzhauser). Since 1992 she has been an Assistant teacher at the Department for Construction and Design, with a main working focus on building physics, human ecology and sustainable building. Since 2001 she has been an Assistant Professor at the department for Architecture and Design. Since 2002 she has been teaching at the Sustainable Building and Design Group at the Department for Architecture and Design.



PROFESSOR ARCH, ANNA LITVINOVA

Belarus

Austria

Architect, designer and a leading expert in the field of architectural design and coloring, design of color and their study in architectural school. Head of the department "Design of architectural environment" at Belarusian National Technical University since 2002, Associate Professor. In 1980, graduated from the Dnepropetrovsk Civil Engineering Institute in speciality "Architecture," in 1992 - postgraduate studies (by correspondence) at the Belarusian State Polytechnic Academy. Since 1986 - Member of the USSR Union of Architects, the Belarusian Union of Architects. Full member of the AAU MOOSAO of the Republic of Belarus. Winner of the Special Prize of the President of the Republic of Belarus in the field of criticism and art history in 2003, Vth BSA National Festival of Architecture, International Science Project Competition and Exhibition mode on-line "Artistic Design Culture In the Era of Information Technologies", Russia, 2008. For creative achievements in the training of future architects awarded diplomas of the Belarusian Union of Architects and the Belarusian Union of Designers. The head of 30 graduation diploma projects (starting with 1998) marked by I and II degrees certificates in international and national contest of the best graduation projects (2 Grand Prix of the Republican contests.) Co-author of a textbook, "Architectural coloring" (two books), author over 50 scientific publications in domestic and foreign editions. The participant of republican and international conferences, symposiums, congresses and exhibitions. Jury member of international and national competitions in the field of architecture and design Author and coauthor of over 50 completed and implemented significant works of architecture and design (Belarus, Russia, Ukraine, Crimea, Armenia, Lithuania).



ARCH, TATIANA PANCHENKO

Belarus

An architect, the head of architectural project and drawing department of the Brest State Technical University since 2010. In 1997 graduated from the Belarusian National Technical University, speciality "Architecture". In 2005, the post-graduate course (correspondence deportment) of the Belarusian National Technical University. Starting with 1999 the manager of more than 20 diploma projects, awarded with certificates of I and II degrees al the republic competitions of the best diploma projects. The author of more than 40 scientific publications in native and foreign editions. The member of republic and international conferences, symposiums, congresses and exhibitions. The jury member of international, republic competitions in the field of architecture and design.

ARCH. ARMEN SARDAROV

Belarus

Doctor of architecture, professor, Dean of the Architect department of Belarusian National Technical University. The Belarusian scientist, architect and teacher. He graduated from the Architectural Faculty of the Belarusian Polytechnic Institute. In 1974 he successfully defended his thesis, for the first time in the Soviet Union on the theme "Road architecture". From 1973 to 2005 he worked in the national road organizations in Belarus, starting as a senior engineer at the Institute "Belgiprodor" to the Deputy Director General - the chief architect of RUP "Beldortsentr." Since 2005 - Dean, Faculty of Architecture BNTU. Doctor of Architecture. Researcher in the field of transport architecture and history of the roads development in Belarus. Author of 10 books and over 200 other scientific papers. Works of A. Sardarov were published in the United States, Russia, China and Poland. From 1992 to 1998 - Member of the Transportation Research Board (TRB) at the National Academy of Sciences of the USA. Editor in chief and associate editor of three scientific journals. Member of the Scientific and Methodological Council on the Protection of Historical and Cultural Heritage issues under the Ministry of Culture of Belarus.



Author of the project of the memorial sign "Pachatak darog Belarus" on October Square in Minsk, the architectural design of bridges and viaducts in Minsk, Vitebsk, Mogilev, Gomel, Orsha, the projects of monuments, public buildings and spaces in Minsk and Minsk region. He developed over 120 projects of architectural and graphic design, road and recreational facilities.

Awarded with Belarus state medal of Franzisc Skaryna, six silver medals at USSR Exhibition of Economic Achievements, signs "Honorable roadman" I and II degree, the church medal of St. Cyril of Turov, Diplomas issued by Minsk Regional Executive Committee, Minsk City Council, the Ministry of Education, Ministry of Construction and operation of highways, the Ministry of Nature and the Environment.

JOHANNES JANSSEN

Belgium

Jo Janssen, born in 1959, is lector at the University Hasselt (B), Faculty Architecture and Art. He has graduated in 1990 at the Academy of Architecture Maastricht (NL) where he was unimaster from 1995 until 2010. He is often invited as external critic of master projects at several architectural schools. In addition to his academic activities he is founder of "Jo Janssen Architecten", an architecture office in Maastricht (NL), which has a collaboration with Prof. Ir. Wim van den Bergh. The office combines research and practice; most commissions are obtained through participation in architectural competitions. Main projects of the office are music building muzyQ Amsterdam, housing and office building Piazza Céramique Maastricht, social housing Treebeek Brunssum [NL], courthouse Enschede [NL] and main office of the university Heerlen [NL]. The work of the office has been showed in many national and international publications and exhibitions. He has given lectures at several forums in the Netherlands, Belgium and Germany. He is also a member of the Architecture and Monuments committee of the historical city of Maastricht.







PROFESSOR PHD. ARCH. BORIANA GENOVA

Bulgaria

Boriana Genova was born in 1950 in Sofia. She graduated Architecture at Engineering Institute for Higher Education major in urban planning in 1974 and started her career as an architect. In 1976 she started work as a research associate at the Health Research, Technological and Design Institute. For the next three years arch. Genova worked for her doctor's degree at the Moscow Architectural Institute. Since 1982 arch. Doctor Genova works at the University for Architecture, Engineering and Geodesy in Sofia first at the research laboratory and later at the department for residential buildings. Since 2000 she leads the Department for residential buildings. As a scientist and research arch. Genova worked on different problems and regulations in the field of health and social service buildings, education and residential buildings. At the Architectural University arch. Genova holds lectures in Residential and Social Buildings as well as Urban Planning.

PROFESSOR MIA ROTH ČERINA

Croatia



Mia Roth-Cerina, assistant professor, was born in Zagreb in 1974. She has graduated from the Faculty of Architecture in Zagreb in 2000, where she has been working since 2001. She is also active as an architect through her practice. She has won numerous awards in architectural competitions (most of them in authorship with Tonci Cerina). Her projects have been published in architectural literature and periodic. For the building of the Laniste Kindergarten she and Tonci Cerina have been nominated for the Croatian architecture annual award Viktor Kovacic in 2008. She has held lectures on her work and mentored student workshops which have regularly been covered in media, catalogues and architectural magazines. As a co-author and assistant, she has participated in writing and publishing books, studies and textbooks in the field of educational buildings. She is one of the founders of the 'Little School of Architecture', a project engaged in providing and organizing free architectural workshops for children and youth which are carried out in public spaces and elementary schools, which have also been widely published. She has edited architectural books and is an executive editor of the scientific magazine 'Space' ('Prostor'). She is the president of the Faculty of Architecture's Publishing Committee, leads the 'Arhitektura i djeca' program at the Croatian Chamber of Architecture and Children since 2010.

ENG. ARCH. LADA KOLAŘÍKOVÁ

Czech Republic

Born in 1964 she graduated in 1987 at Faculty of Architecture, Urban and Landscape design, University of Technology in Brno. Since 1987 till 1990 she was the architect in Chemoprojekt, specialized in paper producing and petrochemical industries. Since 1993 till now she is a partner in architectural office RKAW, which is engaged in wide range of projects, diverse in scale and typology in fields of architecture and urbanism. Since 2001 she is Czech Chamber of Architects licensed architect, since 2011 Ministry of Regional Development of licensed inspector. She is assistant in design studio Kolařík at Faculty of Architecture at Czech Technical University in Prague since 2010.



PHD. ENG. ARCH. RADEK KOLAŘÍK

Czech Republic

Born in 1964 he graduated in 1987 at Faculty of Architecture, Urban and Landscape design, University of Technology in Brno. In 1989 he obtains his postgraduate degree in Architecture at the Academy of Fine Arts in Prague. Since 1996 till 2007 he is young professor (design studio head with Prof. Eng. arch. Eva Jiřičná) at Academy of Arts, Architecture and Design in Prague, department Architecture. Since 2007 he is associated professor (design studio head) at Faculty of Architecture at Czech Technical University in Prague. He was the architect in Czech office Stavoprojekt Liberec, SIAL and Jean Nouvel in Paris. Since 1993 he runs his own studio RKAW.



ENG. ARCH. MARTIN AUGUSTIN

Czech Republic

Graduated at Faculty of Architecture at Czech Technical University in Prague, Ph.D. thesis also there. He is working as independent architect with the focus on projects of passive houses with using high tech technologies. At same topic is also writing a couple articles. He was also teacher at Faculty of Architecture (2000-2011) and still is the teacher at Faculty of Civil Engineering. He is cooperating at educational programs with Passive house institute in Czech, etc. Focus is also on theory of architecture and urbanism, first interference modern architecture to historical environment.



PHD. ENG. ARCH. PETR SUSKE

Czech Republic

Born in 1951 in Prague. Architect and teacher at Czech Technical University in Prague at Faculty of Architecture. Also writer several publication about arts and culture.







LECTURER JAAN KUUSEMETS

Estonia

He was born in 1979 in Kärdla, Estonia. From 2002 - marine engineering, Estonian Maritime Academy. 2010 graduated as architect, Tallinn University of Applied Sciences. 2012 graduated as architect, (M. Sc A.) Brandenburg University of Technology. 2012 - member of Union of Estonian Architects (UEA). From 2002 to 2014 he worked at AB DAGOpen OÜ. 2011 - teaching at Tallinn University of Applied Sciences, Dept. of Architecture. 2014 - teaching at Tallinn University of Technology, Faculty of Civil Engineering, Department Of Structural Design. He has several awards and nominations in architectural competitions.



PROFESSOR JOUNI KOISO-KANTTILA

Finland

Born in 1947 he graduated from the Dep. of Architecture at the Univ. of Oulu in 1973 and made his PhD in architecture in 1976. He has been teaching architecture at the Dep. of Architecture, Univ. of Oulu since 1976. He is professor of Architecture from 1988 and now he also acts as the coordinator of Candidate of Technology program at the department. He has had his own architect's company for thirty years and has designed numerous buildings in northern and central Finland. He's been actively involved wood constructions, wooden architecture and energy efficiency research. He is also the head of the National Graduate School of Wood Constructing and Design and the leader of national Modern Wooden Town Program financed by the Finnish Government. He is a member of Finnish Academy of Technology and has received several national awards for wooden architecture.

LECTURER PETRI AARNIO

Finland

Graduated from Department of Architecture at University of Oulu 1994. Member of the Finnish Association of Architects since 1995. Worked in architecture offices 1984-2003 focusing on public buildings, apartment buildings and wooden buildings. Teaching architecture at the university of Oulu in the department of architecture in the laboratory of architectural construction since 2003. The main aspects in teaching: wooden structures, detailing of structures, sustainability, energy efficiency, planning of flats. Member of the management team of the architecture department of the university of Oulu. The Good Teacher Award of Oulu university 2010.



PASCAL GONTIER France

Born in Paris in 1963, graduated from the Ecole d'Architecture de Versailles, Postgrade Polytechnic Fédérale de Lausanne in Architecture and Sustainable Development. European Master in Architecture and Sustainable Development (Ecole Polytechnique Fédérale de Lausanne, University of Climate Architectureet Leuven, Greco Schools of Architecture of Toulouse and Montpellier, Architectural Association of Architecture - London). Creating Workshop Pascal Gontier SARL Architecture in 1997 Responsible for teaching cycle continuing education post-graduation "Architecture, Territories and Sustainable Development" at the School Architecture of Lille from 2000 to 2004. Since 2004 he is teacher at the Architecture School of Paris Malaquais. He is member of the Board of AFEX (French Architects Export), ICEB (Institute for Environmental Design of Buildings) and of the scientific committee of the Earth Association Siena.







SANDRA PLANCHEZ

France

Sandra Planchez, diplomat architect and planner graduated from IEP (Institute of Political Studies in Paris). Since 2004 is teaching Theory and Practice of Architectural at the and Urban Project in ENSA PARIS MALAQUAIS.

Since 2001, she is partner at Cantin Planchez Architecture realizing design and construction of architectural projects, housing, facilities, offices urban studies, public and private sector, villas, interior architecture. In 2013 launched www.splaar.com an entity wishing to combine experimental approach and finally pragmatism.



ABDRASSILOVA GULNARA

Kazakhstan

She is Doctor of Architecture and author of more than 150 scientific publications, educational and methodological developments. Professor in Kazakh head architecture-construction academy (KazGASA, Almaty, Kazakhstan) she is teaching tenure in university since 1980. She is also an expert of Romualdo del Bianco foundation (Florence, Italy) and regularly arranges international workshops for students of Architecture faculty.



PROFESSOR ERKIN BORONBAEV

Kyrgyzstan

Born in 1947, graduated Moscow Building Engineering Institute - Diploma of Candidate of Technical Sciences (equivalent to PhD) and Diploma (Civil Engineer on "Heat-Gas Supply and Ventilation"). He was also a student of the Faculty "Heat-Gas Supply and Ventilation" in Frunze Polytechnic Institute. He is a member of professional trade union. He has Professional Certificate on "Energy Auditing of Buildings"—Energy Saving International AS (Norway); Certificated as a Trainer for Trainers on" Project Identification and Fin acing", Project preparation and development" and "Financial Analysis for Investment Projects"—HBT Consortium of EU TACIS project; Certificated on "International Standards ISO 9000" — Kazakhstan Academy of Quality Management. Professor, Head of Department "Heat-Gas Supply and Ventilation", Vice-Rector, Kyrgyz State University of Construction, Transportation and Architecture.

PHD. ARCH. EDGARS BONDARS

Latvia

Architect, born in 1983, Professional degree of Architect (2007), Master of Architecture (2009), Doctor of Architecture (2013), Riga Technical University. Doctoral thesis: "Design of Spatial Environment in the Context of Bioclimatic Factors". Research fields: principles of implementation of the idea of sustainable development in architecture, bioclimatic designing. Author of several scientific publications in national and international issues. Lecturer in the Department of Architecture and Urban Planning at the Riga Technical University. Architect and member of the board of the architectural design company RR.ES, LTD.



ARCH. UĢIS BRATUŠKINS

Latvia

Architect, born in 1961, Professional degree of Architect (1984), Master of Architecture (1995), Doctor of Architecture (2006). Doctoral thesis "Development of Public Open Spaces of Riga Medieval Centre in the 19th and 20th Centuries". Member of Latvian Association of Architects. Author of many public and dwelling buildings in Riga and other towns of Latvia. Dean of the Faculty of Architecture and Urban Planning of Riga Technical University. Regular publications in the almanac "Architecture and Construction Science"//"Scientific Proceedings of Riga Technical University" and local professional magazine "Latvijas Arhitektūra".



ASSOCIATED PROFESSOR PH. ARCH. SIGITAS KUNCEVIČIUS

Lithuania

Architect, born in 1958, graduated from the Faculty Of Architecture at Vilnius Civil Engineering Institute in 1981. Since 1991 associated professor of Vilnius Gediminas Technical University (VGTU) Faculty of Architecture. Chief architect of architect company, succeeded in many different projects. Member of council Architects Chamber of Lithuania.







PROFESSOR ENG. ARCH. LECTURER ANDRZEJ DUDA

Poland

Andrzej Duda, born in 1953, graduated from Silesian University of Technology in Gliwice (1973-79), post graduate studies in The Berlage Institute of Amsterdam (1991-92), established architectural office INAR-KO (together with H. Zubel) in 1988. Winner of about 40 architectural competitions, Honored with many awards for his architectural works. Since 1980 a teacher at the Architectural Department of Silesian University of Technology in Gliwice and a guest professor at Warsaw University of Technology, Wroctaw University of Technology, Prague University of Technology and Tbilisi Art Academy. Since 2002 an independent expert of European Union Prize for Contemporary Architecture Mies van der Rohe Award.



ARCH. PHD. ENG. TOMASZ WAGNER

Poland

Born in 1973 in Zabrze, Poland. He graduated the Silesian University of Technology 1997 and Monument Conservation College. Assistant professor -Faculty of Architecture, Chair of Architectural Design. Issues of projects and research: public buildings architecture, preservation of cultural heritage and post industrial buildings. Member of committee of the Conference 'Modernity in Architecture'. Twice a winner of the competition of Monument Restorers Association (1998, 2002), the honorable mention in the International Biennale of Architecture 1996. Winner of award of the marshal of the Silesian province for 'The Best Public Space' in 2012. The author of many scientific publications, conferences and studies devoted to the architecture and preservation and conservation of cultural heritage. The author of the book: 'Zabrze – unknown nature of Silesian architecture' (2003) and 'Modernist Architecture in Zabrze' (2013). Member of designing team (Mexem design office), co-author of Administrative Centre in Dabrowa Górnicza and adaptation of postindustrial buildings of Coal Mine Gliwice, within the scope of the project of Education and Business Centre "New Gliwice". Co-author of office, administrative and educational buildings, such as: Centre of Modern Technologies of the Silesian University of Technology, Students Cultural Center - "Anthill", Laboratory of the Faculty of Materials Engineering Computer Laboratory of the Faculty of Chemistry in Gliwice, modernization of Provincial Roads Board in Katowice, 'Montan Stal' Company in Tarnowskie Góry, Faculty of Biomedical Engineering and adapting army office buildings into the Faculty of Organization and Management in Zabrze, as well as co-author of restoration works carried over castles in Siewierz and Lubowice.

PROFESSOR PHD. ENG. IRINA BLIUC

Romania

Prof. Phd. Eng. Irina Bliuc graduated from Civil Engineering Faculty, "Gh.Asachi" Technical University of Iasi. She accomplished the doctoral thesis in 1984, in the same university, the topic being related to Energy Efficiency and Comfort in Residential Buildings. The rich academic experience achieved in Faculty of Architecture and in Faculty of Civil Engineering and Building Services from "Gh. Asachi" Technical University of Iasi is reflected by course like: Buildings Physics, Constructions in Buildings, Renewable Energies, Modern Finishing Methods Used in Buildings Industry. The field of research is represented by: Energy Efficiency and Sustainable Buildings, Indoor Environment Quality and the Users' Satisfaction, Adapting Buildings to Climate Changes. She encouraged the co-operation between universities, being the promoter of such a research project, its subject being "Systems of Integrated Solutions for Thermal Rehabilitation of Buildings". Prof. Irina Bliuc is author and co-author of several technical books and papers published in important journals or proceedings of national and international congresses and conferences. She is also member of CIB, W077 – Facilities Management and Maintenance.



LECTURER SERGIU CĂTĂLIN PETREA

Romania

Sergiu Cătălin Petrea is Lecturer at Faculty of Architecture - Basics of Architectural Design Department from "Ion Mincu" University of Architecture and Urbanism, Bucharest. Starting with 2012 he has also a course of Ecology and Technology in Contemporary Architecture at UAUIM. He has attended Advanced Design Methods Master Program in 2005 and has a PHD Degree in architecture on Emergency Architecture in 2011. He currently explores the perspectives of sustainable architectural design and energy efficient planning, being also concerned about themes related to poverty, experiment and urban regeneration strategies. His architectural practice includes buildings from all the fields of expertise, interior and graphic design and architectural contests. He constantly participates in international congresses and conferences and it is also involved in research projects. Many of his architectural research themes are reflected in scientific papers and various thematic studies published in specialized media.



LECTURER PHD. ARCH. MIHAI OPREANU

Romania

He is architect and lector at the Urbanism and Architecture University Ion Mincu, Bucharest, Technical science cathedra, since 1990. He has done serial research studies in ecological, bio-climatic and energy - efficient architecture as well as in historical monument restoration. Post-graduate in Architecture from UAIM Bucharest and Techniques History at EHESS Paris: Ambient Physics, Architectural Ecology and Technology, Restoration and Conservation. During 1994 and 2002 he participated to restoration workshop UAUIM - Ecole de Chaillot, Paris. He has regular articles in local architecture magazines "Arhitectura" and "Arhitext-Design" and also in "Monuments Historiques".







PROFESSOR OF ARCHITECTURE OLEG STAKHEEV

Russia

Professor of architecture, head of the department "Architectural design", member of the union of architects of Russia TSUAB (Tomsk State University of Architecture and Building). He is specialized in architecture and town planning. Author of more than 50 articles he is member of council of town planning of Tomsk and also the head of scientific programs in the field of architecture and town planning.



PROFESSOR PHD. ENG. SERGEY OVSYANNIKOV

Russia

Doctor of Engineering, professor and head of the department "Engineering design" at TSUAB (Tomsk State University of Architecture and Building). Area of scientific interests: protection against noise, thermal protection of buildings and constructions, power efficiency in construction. Author of more than 80 articles, head of scientific programs in the field of a heat-shielding of buildings he is member of the union of builders in Tomsk while giving lectures and practical training according to the Construction program at university.

ASSOC. PROFESSOR ING. ARCH. HENRICH PIFKO, PHD

Slovakia

Born in 1959, he is currently teaching at the Faculty of Architecture of the Slovak University of Technology in Bratislava, at the Institute of Ecological and Experimental Architecture where he is the sponsor of the educational module "Architecture and Environment". In addition to teaching he is authorized architect (SKA), specialized in green architecture and passive houses (he is Certified Passive House Designer). He is chairman of the Institute for Passive Houses (iEPD) and founding member of ArTUR (Architecture for Sustainable Development) NGO. He participated in international research projects (e.g. EcoCity, Oikodomos), and he is author of a number of publications and co-author of the books "Effective Housing" and "Handbook of Sustainable Architecture".



ASSOC. PROFESSOR PHD. MARTINA ZBAŠNIK-SENEGAČNIK

Slovenia

She was born in Ljubljana. She graduated at the University of Ljubljana, Faculty of Architecture, Slovenia, in 1986. She received a Master Degree in 1992 and in 1996 a Ph.D. degree (Negative influences of building materials on the environment and human beings). Since 1988 she has been working at the faculty, first as a teaching assistant, in the year 2000 she became an assistant professor and in 2009 an associate professor. She teaches the subjects Ecological building principles, Technology of building and building materials, Modeling of façade envelope and Design studio. Her main working focus is the field of energy efficiency (passive houses, low-energy houses, energy-efficient building technologies), ecological use of building materials, natural materials, sustainable architecture, contemporary materials for façades, building technologies.



She was the research programme leader at Faculty of Architecture (Sustainable planning for the quality living space) in 2009-2011. She is the author of two monographs: Fasadni ovoj (Façade envelope) and Pasivna hiša (Passive house) (both Slovene language) and numeral articles in scientific and professional magazines in Slovenia and abroad. The monograph Passive House was also published in Croatian and Bulgarian language.

She is a member of the Council for the efficient use of energy by Ministry of the environment and spatial planning, member of Photovoltaic technology platform — working group Integration of solar power stations in the building. Her reference is also the organization and leadership of professional seminars for the architects since 2004 (the topics: energy efficiency, passive houses, building technologies). She is a founder and a leader of Passive House Consortium Slovenia since 2008.





PROFESSOR ENRIQUE CORBAT DÍAZ

Spain

Architect from Barcelona School of Architecture ETSAB (UPC) since 1983. Speciality in bioclimatic architecture. Scholarship holder of Training Plan of Research Staff from Spanish Science and Education Ministry (1986-1989). Since 1989 professor in building construction department in Vallés School of Architecture ETSAV (UPC). Teaching centered in bioclimatic architecture and sustainable buildings. Investigations in Thermal Rehabilitation of Buildings. Since 1997 continuously teaches an elective course on Bioclimatic Architecture. In 1980 he won first prize in a competition for ideas for an exhibition center of alternative energy in the International Fair of Barcelona. He has designed and built several bioclimatic buildings along his career. Finalist at the FAD prizes of Architecture in 2001 by a bioclimatic natural cooled building housing located in old town district of Barcelona. Speaker at various courses and conferences in the Association of Architects, conferences always related to solar architecture issues and sustainability. Speaker at the Catalan Congress of Renewable and solar energy 1987 and Scientific meetings of the Mediterranean environment and building energy, 1990. Professor in Graduate Program Installations in buildings. Polytechnic Foundation of Catalonia. 2002-2008. Professor in sustainability, technology in architecture and integration of renewable energies UPC's masters.



ASSIST. PROFESSOR PHD GÜLTEN MANIOĞLU

Turkey

Gülten Manioğlu is a researcher and lecturer in the Faculty of Architecture at Istanbul Technical University (ITU) since 1993. Her post-graduate education involves "Evaluation the Heating Performance of the Building Envelope in Relation to the Heating Period from the Standpoint of the Bioclimatic Comfort and Energy Conservation". She received her doctorate in the Department of Architecture at ITU, with a focus on "An Approach for the Determination of Building Envelope and Operation Period of Heating System According to Energy Conservation and Life Cycle Cost" (2002). She has several publications on Energy Efficient Building Design and Water Conservation in Building. She is currently working as an Assistant Professor in the Environmental Control Unit at the Faculty of Architecture of ITU. Since 2009 she is a board member of the International Association of Building Physic (IABP).

DOCENT TETYANA KASHCHENKO, PHD

Ukraine

She is an architect, docent of the Department of Architectural design of Kyiv National University of Construction and Architecture (KNUCA). Her architectural professional activity is focused on architectural design of dwelling and civil buildings. Graduated with Master Degree from Architectural faculty of KNUCA. In 2001 obtained degree of Ph.D. of Architecture. At the Architectural faculty she teaches Architectural design, Theory of architectural design, launched lecture course "Architecture of energy efficient buildings". Tutor of post graduate students, bachelor and master degree. Curator of students diploma and contests projects, awarded at national and international competitions. Fulfilled internship at Architectural department of Gent State University (Belgium), course of International Passive House Summer School, Fachhochschule Karnten, Austria. Was coordinator of Ukrainian national team of EASA and coordinator of student research work in international project "RKM Save Urban Heritage". Took part at International student workshop "Smart city. City as an educational polygon", Foundation Romualdo del Bianco, Florence (Italy) as a teacher. Has publications in scientific and professional editions, professional magazines. Member of organization committee of International conference "Energy Integration", initiator and leader of several students architectural contests, exhibitions and conferences in the field of sustainable and energy efficient architecture.



LECTURER GUILLERMO GUZMAN DUMONT

UK

Full time Lecturer and director of External Relations and Communications at the Department of Architecture and Built Environment at the University of Nottingham, United Kingdom. Graduated from Architecture at the Universidad del Bio-Bio, Concepcion Chile in 1993, then carried out studies of MSc Renewable Energy and Architecture and PGCHE (postgraduate certificate in higher education) at the University of Nottingham from September 2000. He has over 15 year of experience in teaching design studio and have researched in Sustainable Energy Technologies integration to architectural design, post occupancy evaluation, pedagogic approaches in architecture related to identity, globalisation and ethics. One of the principal investigators of the Creative Energy Homes project sponsored by a number of important UK housing developers and researcher in the UK entry for the Solar Decathlon Europe 2010. Visiting professor at the Pontificia Universidad Catolica, Universidad del Bio-Bio and Universidad Tecnica Federico Santa Maria of Chile. He has set up a number of joint courses and collaboration agreements with prestigious Latin American universities, given keynote presentations, run workshops and organised joint conferences. He has been running the ISOVER competition studio for the last two years





2015 edition



Invitation for Competition Submissions ISOVER Multi-Comfort House -Students Contest 2015

Residential function in Astana, Kazakhstan

International, two-stage, open competition, 2015 edition

Content: Develop a residential function in cold climate

of Astana, Kazakhstan

Participants: Students

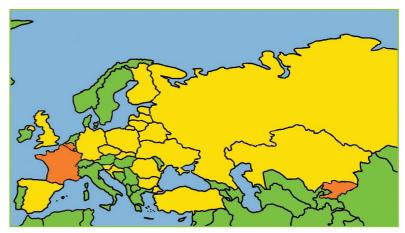
Organizer: Saint-Gobain Insulation with

the participation of national Saint-Gobain

ISOVER and IZOCAM organizations

Official Website: www.isover-students.com

The task for 11th International Edition of ISOVER Multi-Comfort House Students Contest, developed by ISOVER in close collaboration with the Department of Architecture of National Company "Astana EXPO-2017", is the design of a residential function in Astana, Kazakhstan located in the perimeter of the post exhibition residential expansion of International Exhibition EXPO 2017.



Participating countries to final stage of ISOVER Multi-Comfort House Students Contest Edition 2014. First time participating countries: Belgium, France and Kyrgyzstan.

More information about the new edition of the contest as well as full task, pictures and documents, site plan can be found at www.isover-students.com

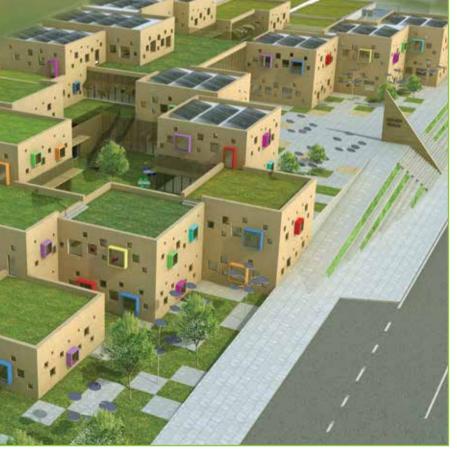






















KARADUMAN ABDUSSELAM SELMAN

Vienna - TU Vienna

01



















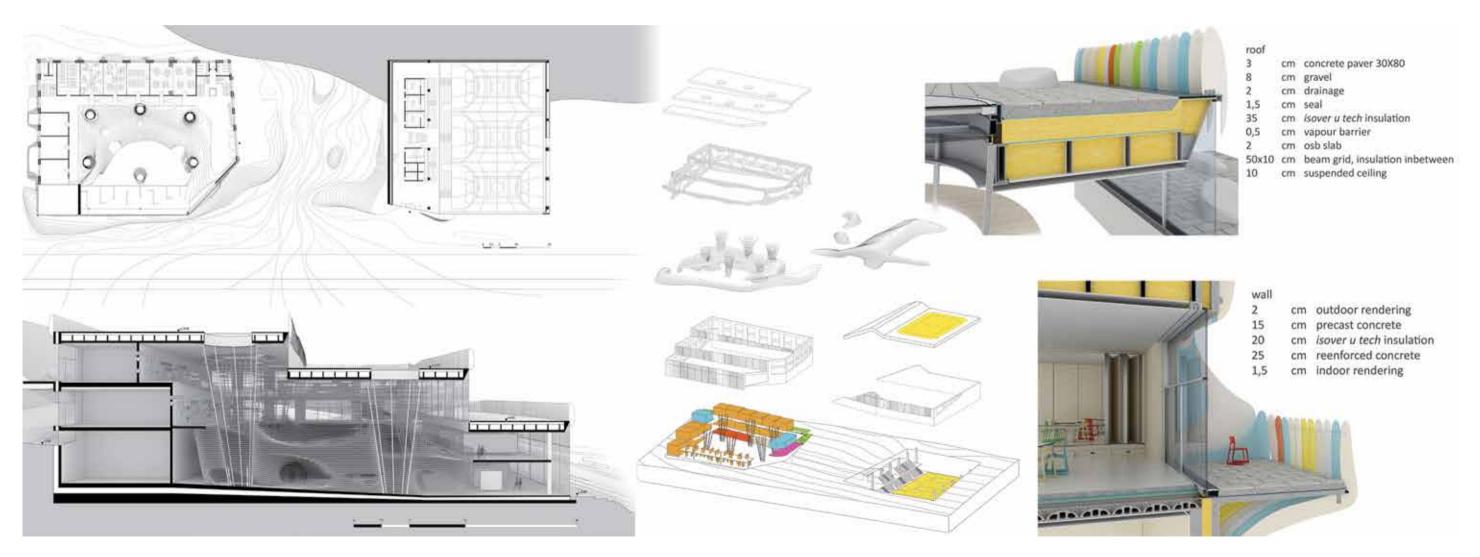
YANIV

HÜBNER **FABIAN NEPOMUK**

Vienna - TU Vienna

02















BROMANN EVELYN CHRISTINA

Vienna - TU Vienna



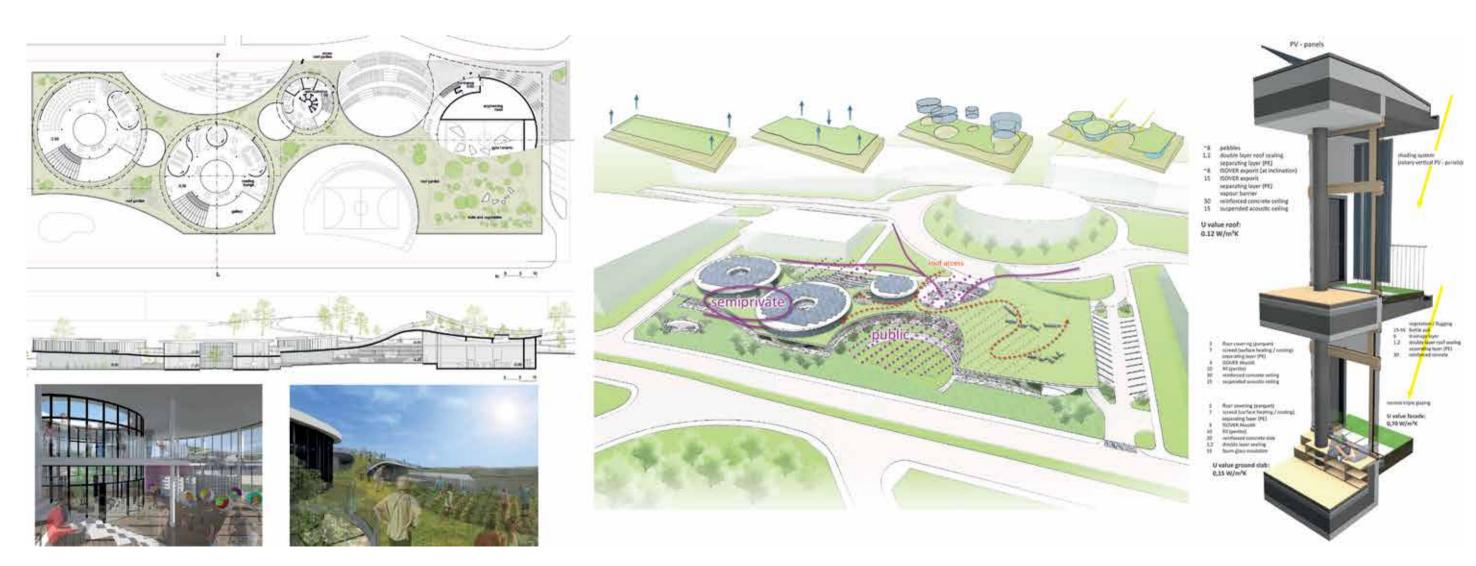
HALBMAYR

JOSEF

03

ISOVER SAINT-GOBAIN









Special award

ISOVER
Multi-Comfort House
Students Contest
International stage,
Bucharest 2014





04





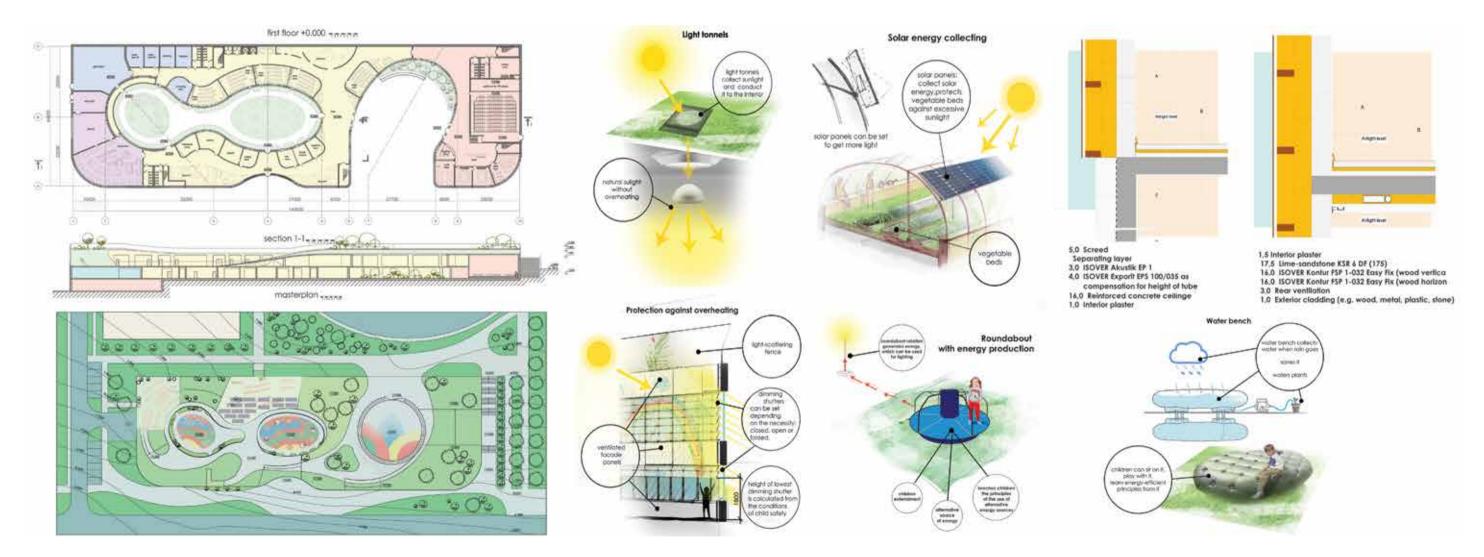
VERONIKA BELOZOROVA

VICTORIA BOGUSH

Minsk - Belarusian National Technical University, Architect faculty



















IGOR SHAMANOUSKIJ

Minsk - Belarusian National Technical University, Architect faculty

05











PRIZE
BELARUS
National Stage 2014





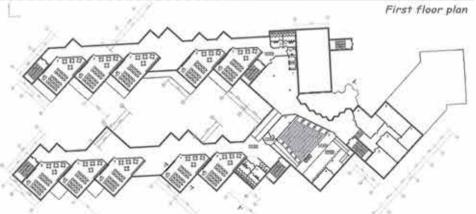
OLGA SCHERBACHEVICH

Brest State Technical University

06

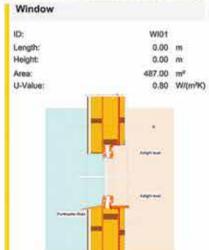


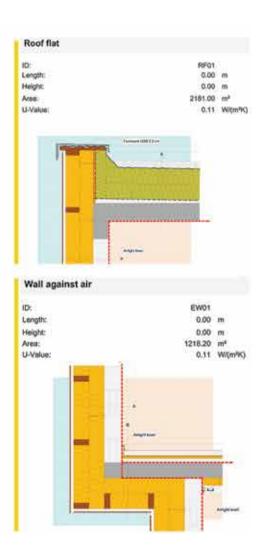


















PRIZE BELGIUM National Stage 2014



07







KATRIEN DESAIR

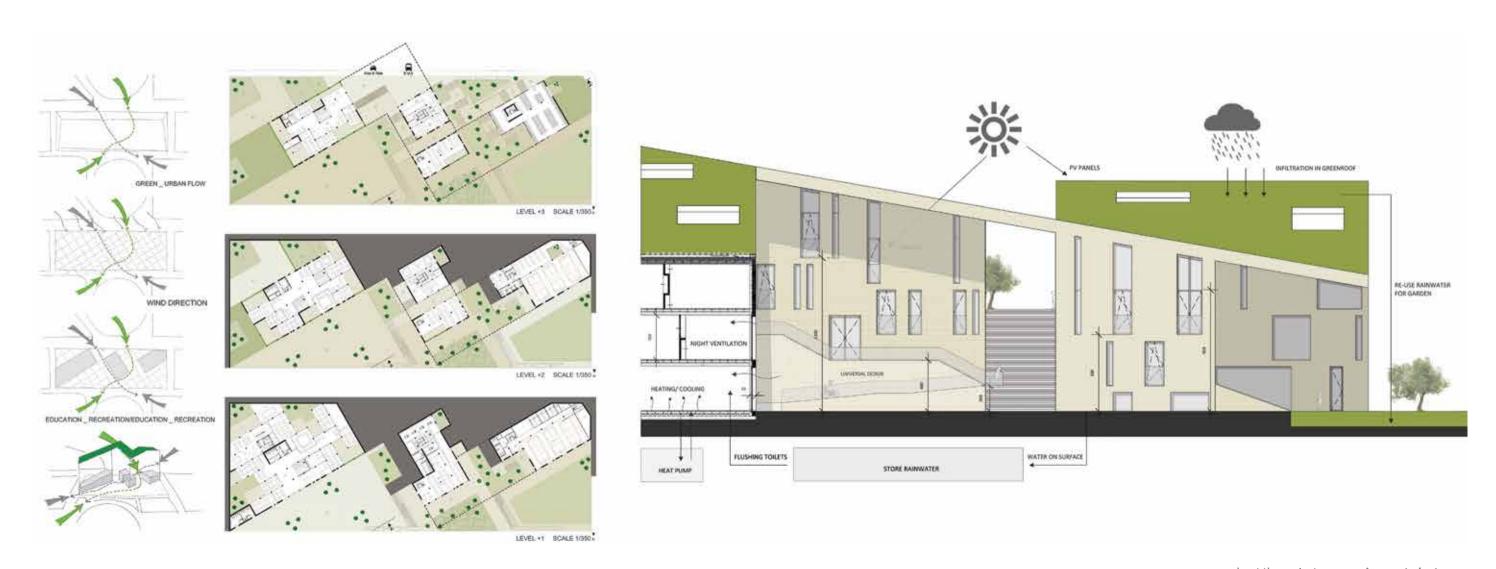


SASKIA **HORIONS**

Hasselt University

ISOVER SAINT-GOBAIN











PRIZE
BULGARIA
National Stage 2014









VALENTINA PETROVA

Varna Free University "Chernorizets Hrabar", Varna



















GEORGI POLYA DOBREV DIMITROVA

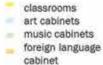
University of Architecture, Civil Engineering and Geodesy, Sofia



SITE PLAN, PLANS











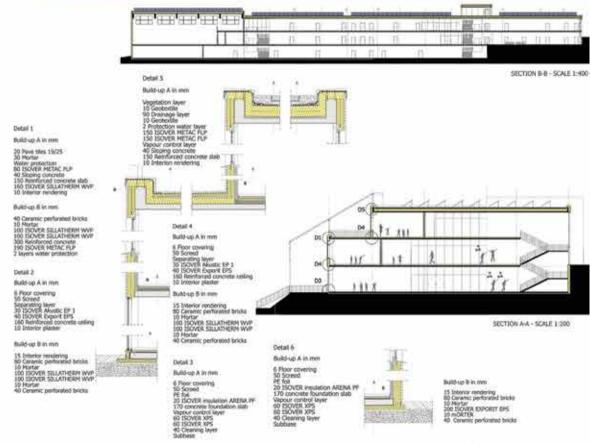


DETAILS, SECTIONS



















10







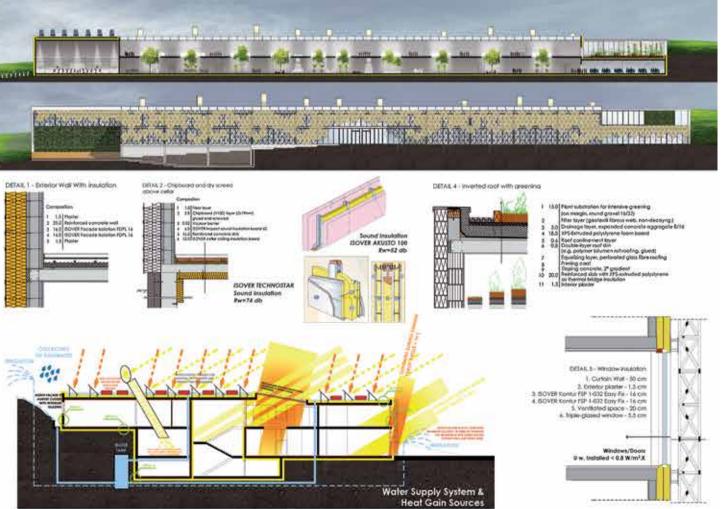
VYARA STOYANOVA

University of Structural Engineering and Architecture (VSU) "Lyuben Karavelov", Sofia

ISOVET SAINT-GOBAIN























INES **HRVOJE** MAGDIĆ **MRAVUNAC**

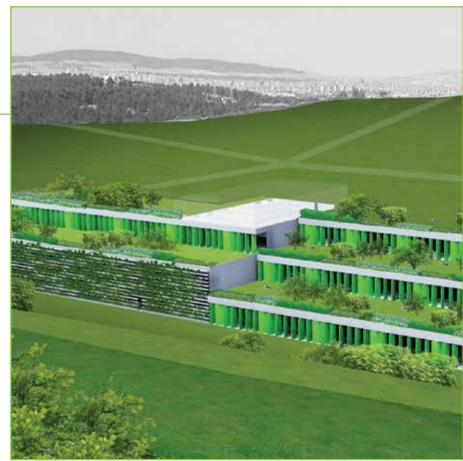
ŽELJKO SOVIĆ

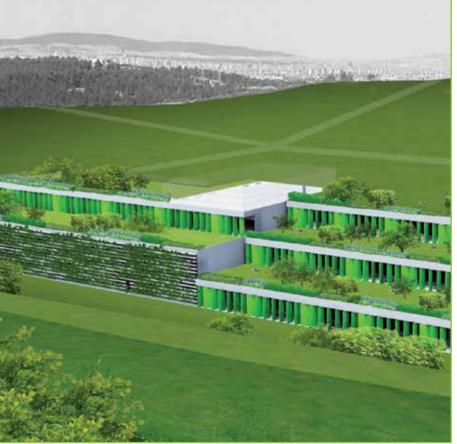
Zagreb - University of Zagreb



















ANTONIJA PETRA GALAC **KORPAR**

Zagreb - University of Zagreb





















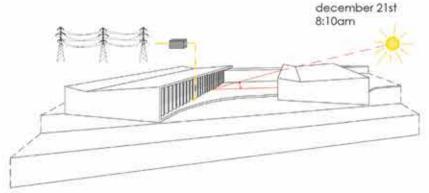
IVAN VOJNIĆ

VALENTINA ŠTIVIČIĆ

Zagreb - University of Zagreb

ISOVET SAINT-GOBAIN







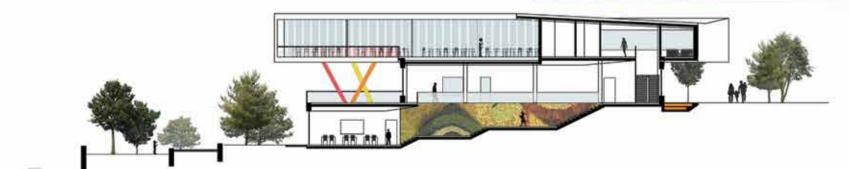


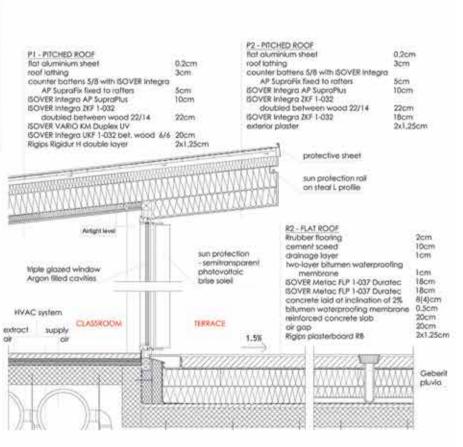


Sustainable concept - non-concentrating photovoltaic (PV) trackers integrated into movable sun-shading system

Natural daylight - sun angle check











II PRIZE

ISOVER
Multi-Comfort House
Students Contest
International stage,
Bucharest 2014





14



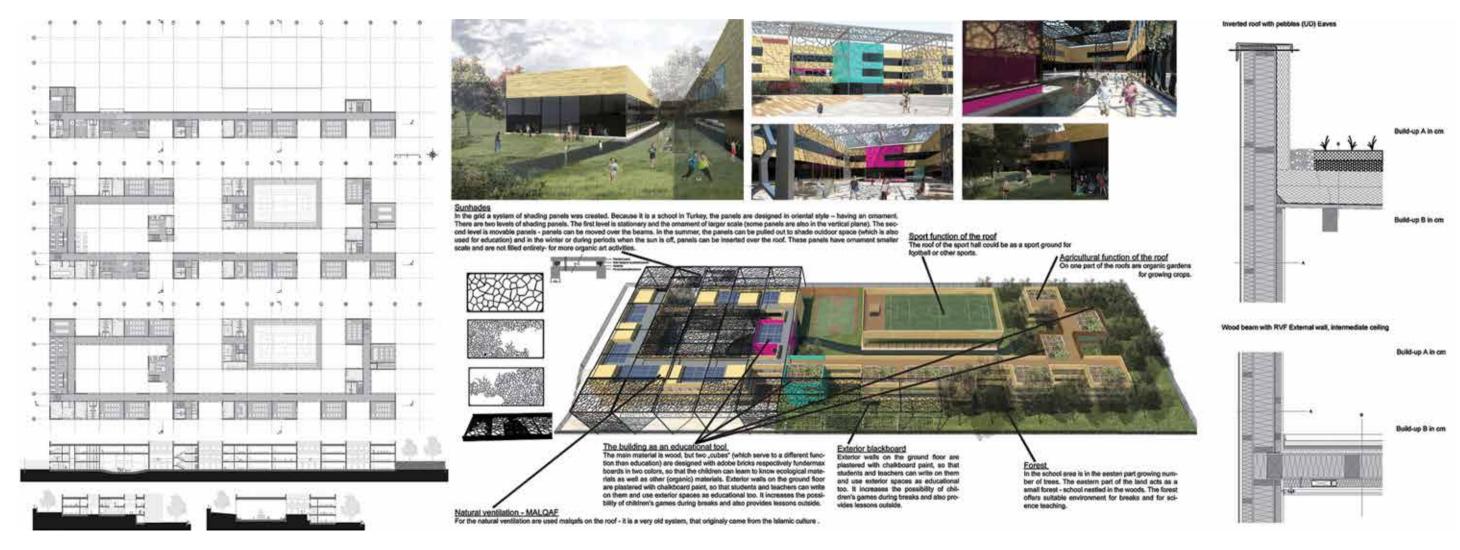


MAREK ZUZANA NOVAK ZELINGEROVÁ

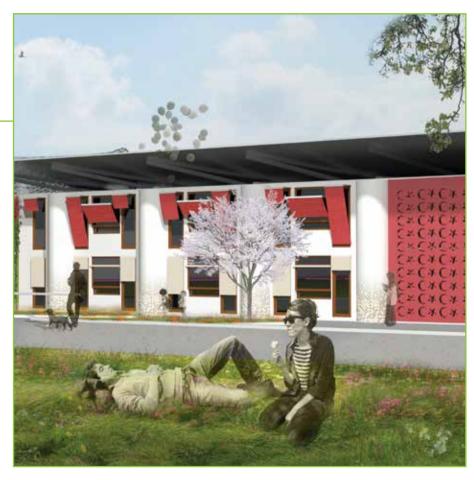
Prague - Czech Technical University, Faculty of Architecture













PRIZE
CZECH REPUBLIC
National Stage 2014

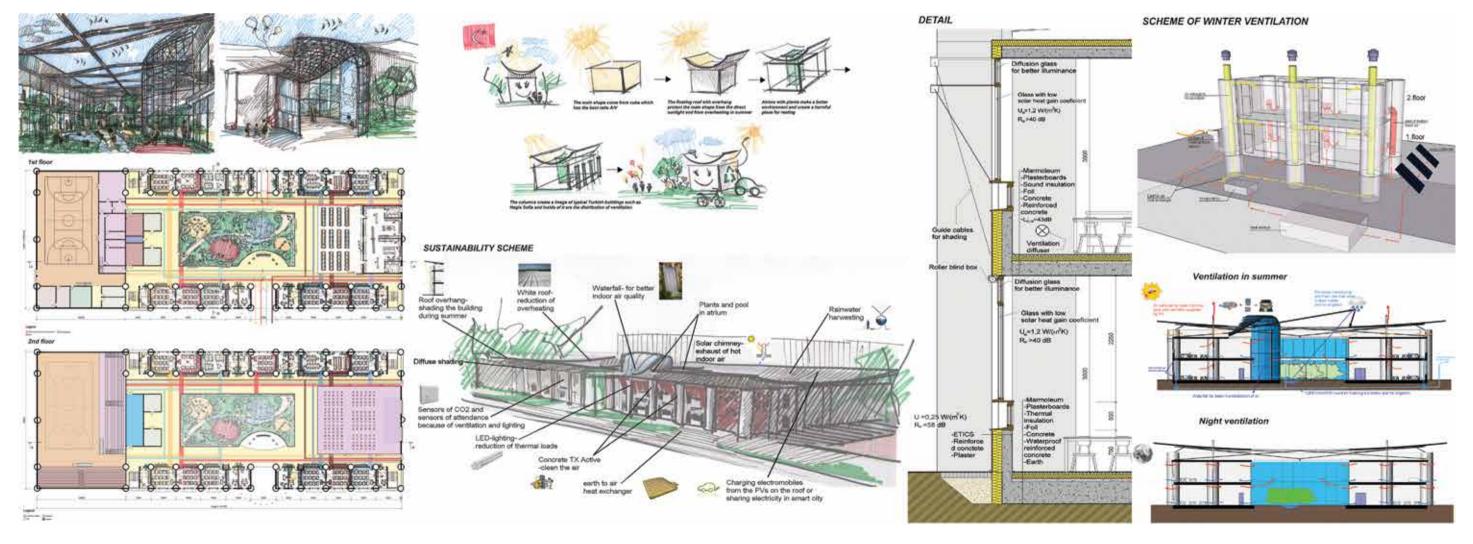




PETER ZAŤKO

Prague - Czech Technical University, Faculty of Civil Engineering











PRIZE
CZECH REPUBLIC
National Stage 2014





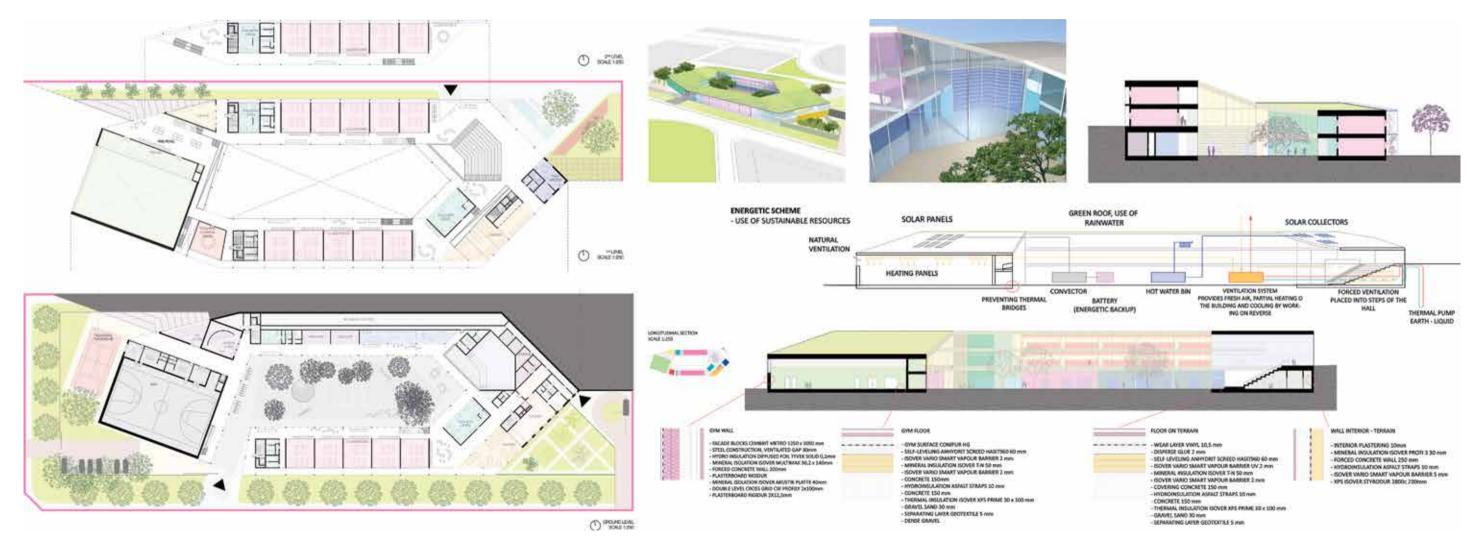


BARBARA ZEDKOVÁ

TAMARA HOROVÁ

Prague - Czech Technical University, Faculty of Architecture











PRIZE **ESTONIA** National Stage 2014



MARI RENNO

KAIDI PIIRIMETS

Tallinn – Tallinn University of Technology











| PRIZE **ESTONIA** National Stage 2014



18



ANNE

VAISMA





BRITT

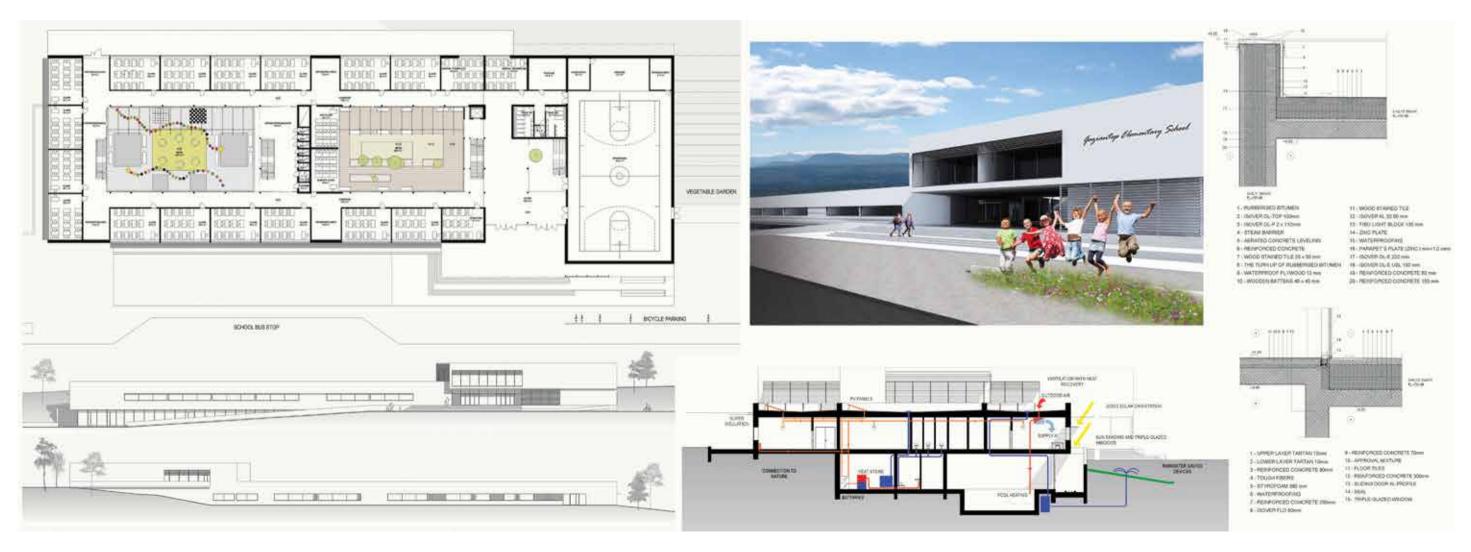
VAHER



JANIKA JÜRGENSON

Tallinn – Tallinn University of Technology











PRIZE
ESTONIA
National Stage 2014







ANNE PIIRSOO

KARINA MAMONTOVA

Tallinn – Tallinn University of Technology











PRIZE FINLAND National Stage 2014

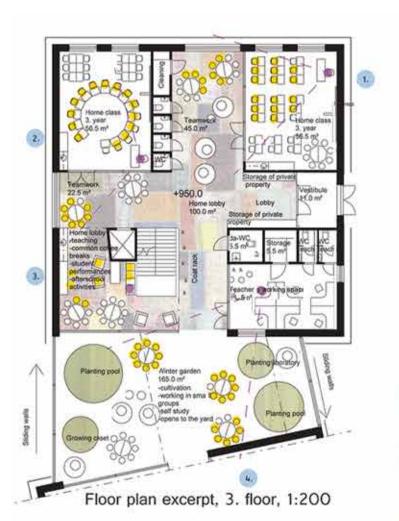




MATTI LAKKALA

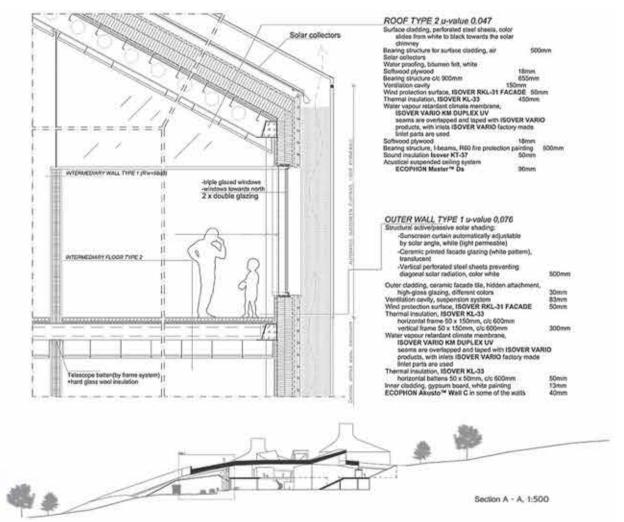
Oulu - University of Oulu, Department of Architecture

















PRIZE
FINLAND
National Stage 2014





AINO KORHONEN

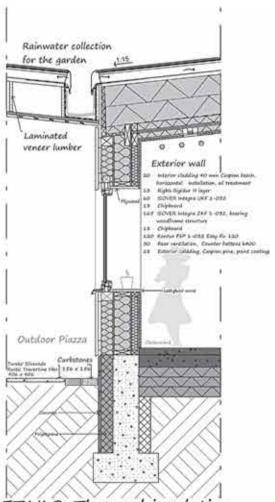
Oulu - University of Oulu, Department of Architecture











DETAILS: Thermal insulation













MATTI RAJAMAA

Oulu - University of Oulu, Department of Architecture











PRIZE FRANCE National Stage 2014



23



SALINS







LEFEBVRE

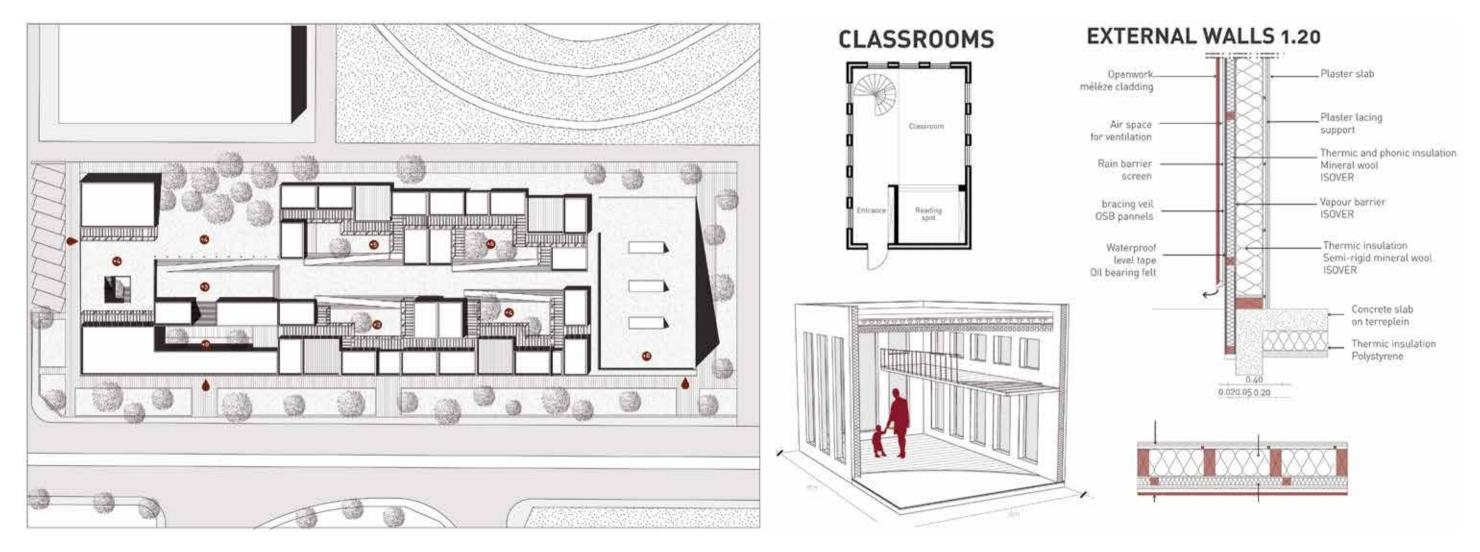
Ecole Nationale Supérieure d'Architecture Paris-Malaquais

SAMIA

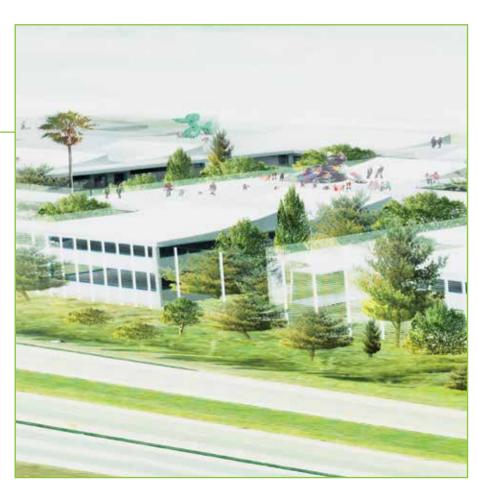
WAHBI

ISOVER SAINT-GOBAIN









I PRIZE

ISOVER
Multi-Comfort House
Students Contest
International stage,
Bucharest 2014











NAN WENXIN

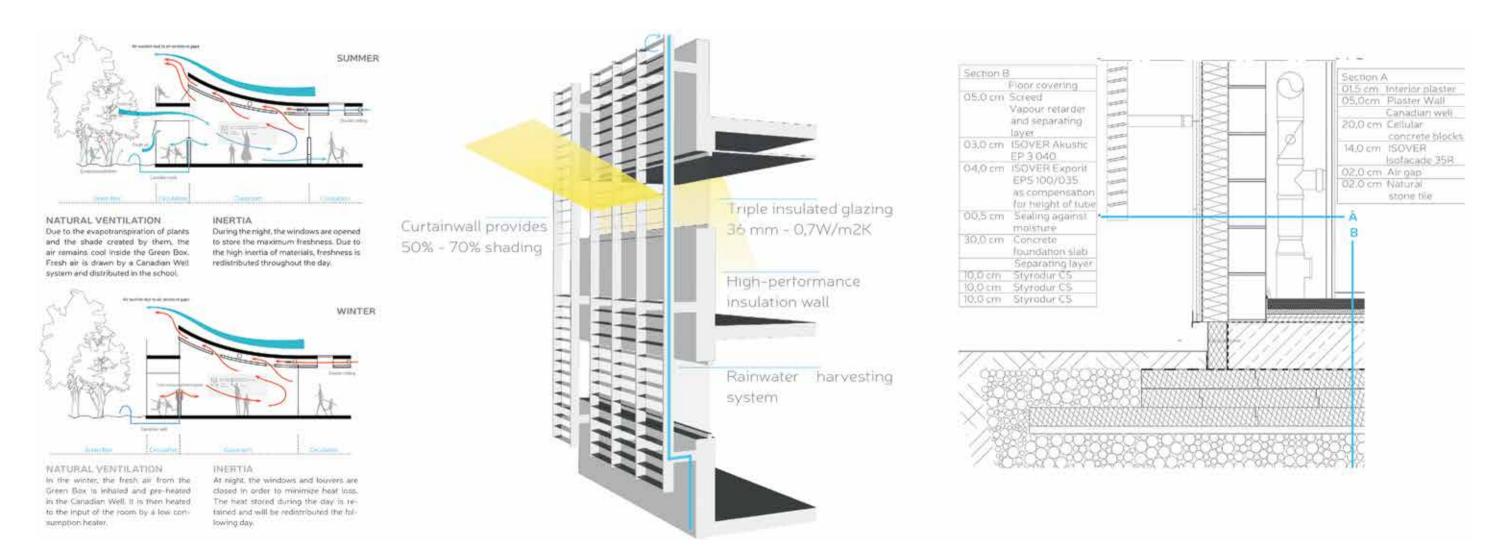


MARCIA KUBRUSLY TOSIN CLOQUETTE

Ecole Nationale Supérieure d'Architecture Paris-Malaquais





















LESCUDÉ-PLAÀ



EMELINE STETENFELD



ALEXIS JUILLOT

Ecole Nationale Supérieure d'Architecture Paris-Malaquais









Special award

ISOVER
Multi-Comfort House
Students Contest
International stage,
Bucharest 2014





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ANTON FEDYANIN

Almaty - KazGASA

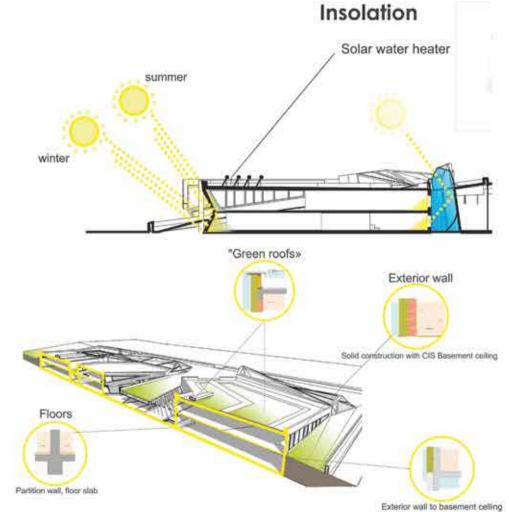






















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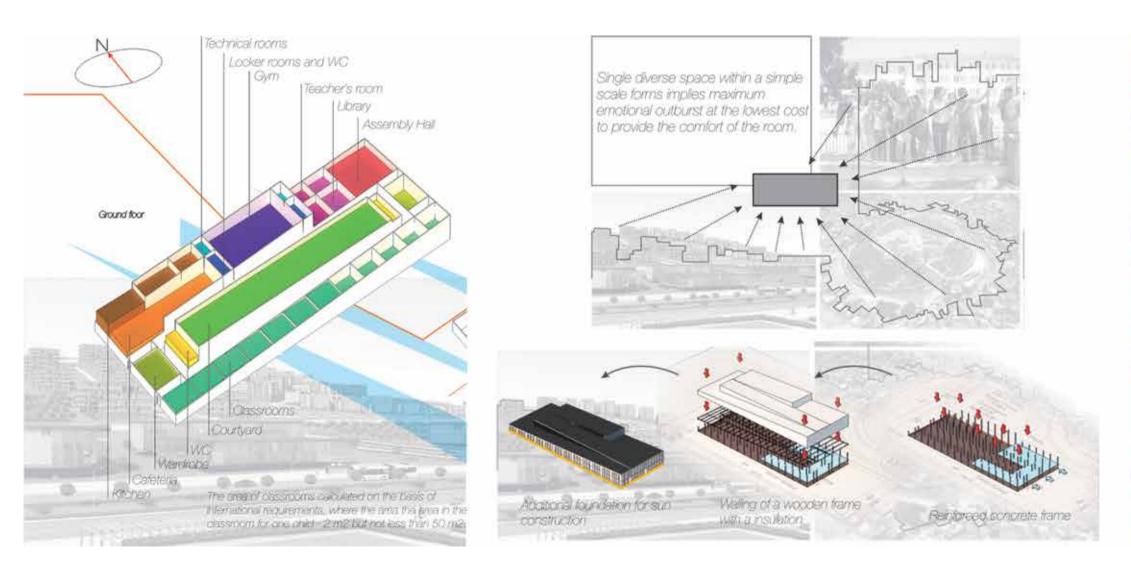


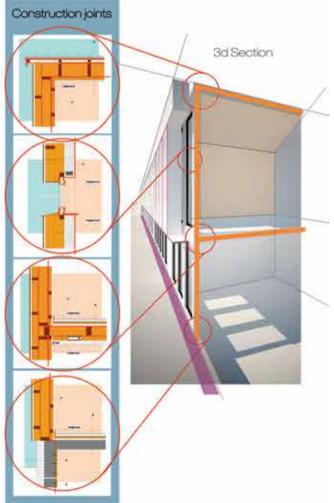
MIKHAIL KIBITKIN

Almaty - KazGASA

ISOVER SAINT-GOBAIN





















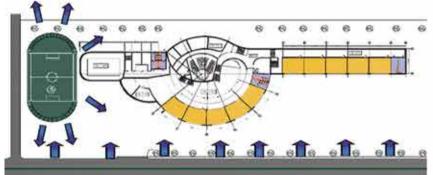


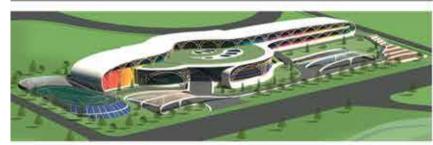
KHAMZINA ELFIYA

Almaty - KazGASA



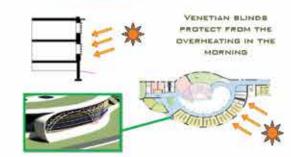
External acoustic comfort



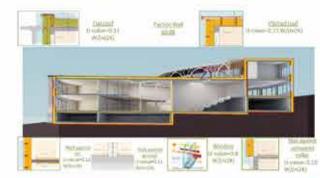




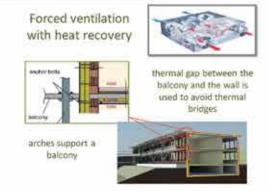




Construction for energy efficiency



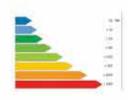






Transmission Heat Losses:	26221.13 kWh/a
Ventilation Heat Losses:	81114.30 kWh/e
Total Heat Losses:	107335.44 kWh/s
Internal Heat Gains:	42095.70 kWh/e
Available Solar Heat Gains:	25873.92 kWh/e
Total Heat Gains:	65257.14 kWh/a
Annual Heat Demand:	42078.30 kWh/a
Specific Annual Heat Demand:	8.26 kWh/(m³a)

Energy efficiency classes









PRIZE
KYRGYZSTAN
National Stage 2014





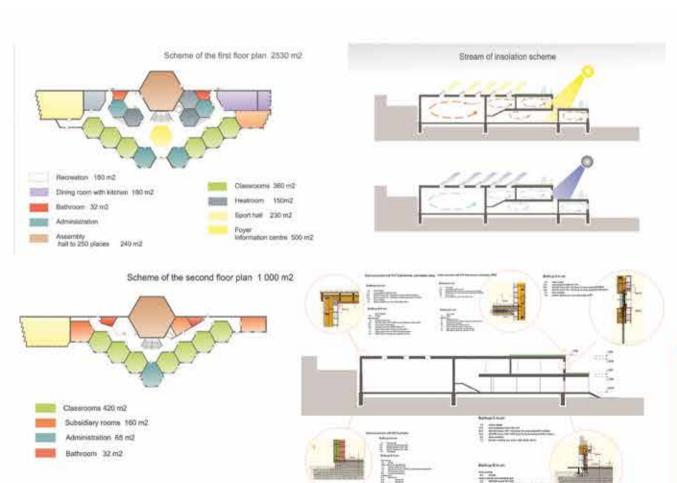
AIGUL ZHANYBEKOVA

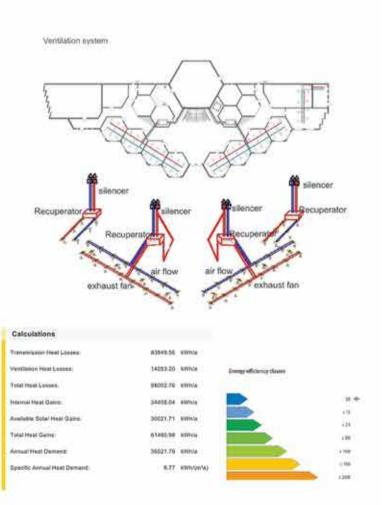
KGUSTA



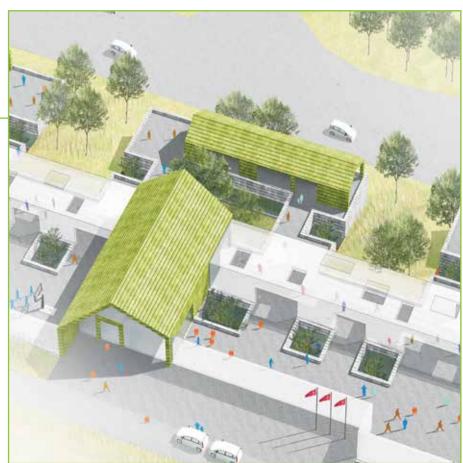
















PRIZE LATVIA National Stage 2014



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MARTA

CERIŅA



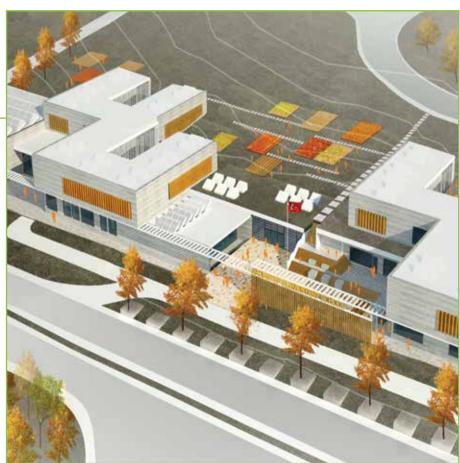
OSKARS KOTELLO

Riga - Riga Technical University, Faculty of Architecture and Urban Planning















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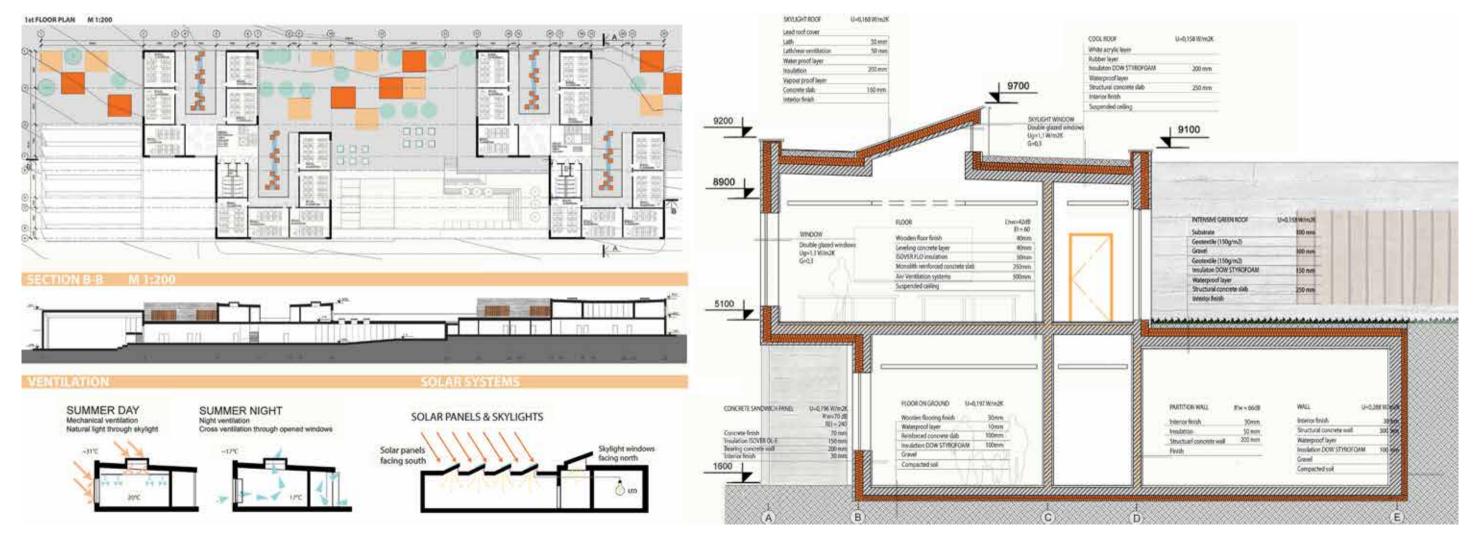
ANITA APELE



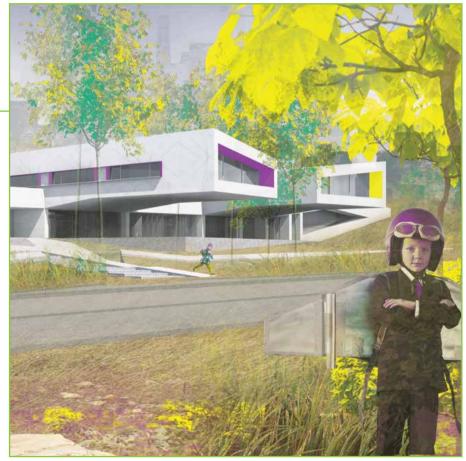
DĀRTA **DAMBE**

Riga - Riga Technical University, Faculty of Architecture and Urban Planning











PRIZE
LATVIA
National Stage 2014









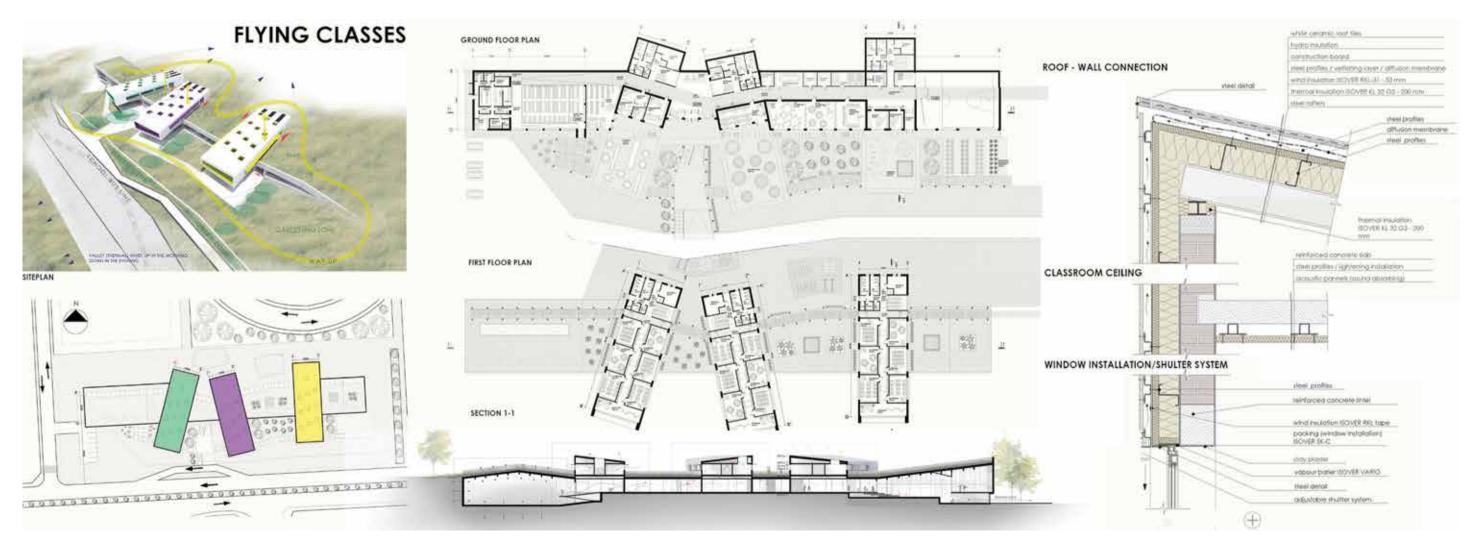
LIENA VĪTOLA



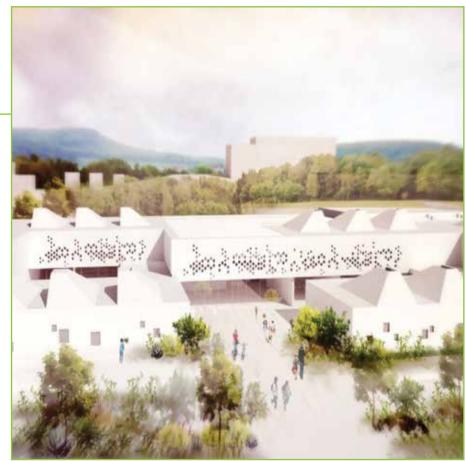
NILS REMESS

Riga - Riga Technical University, Faculty of Architecture and Urban Planning











PRIZE LITHUANIA National Stage 2014





GABRIELĖ KUNEVIČIUTĖ

Vilnius - VGTU - Faculty of civil engineering











PRIZE
LITHUANIA
National Stage 2014

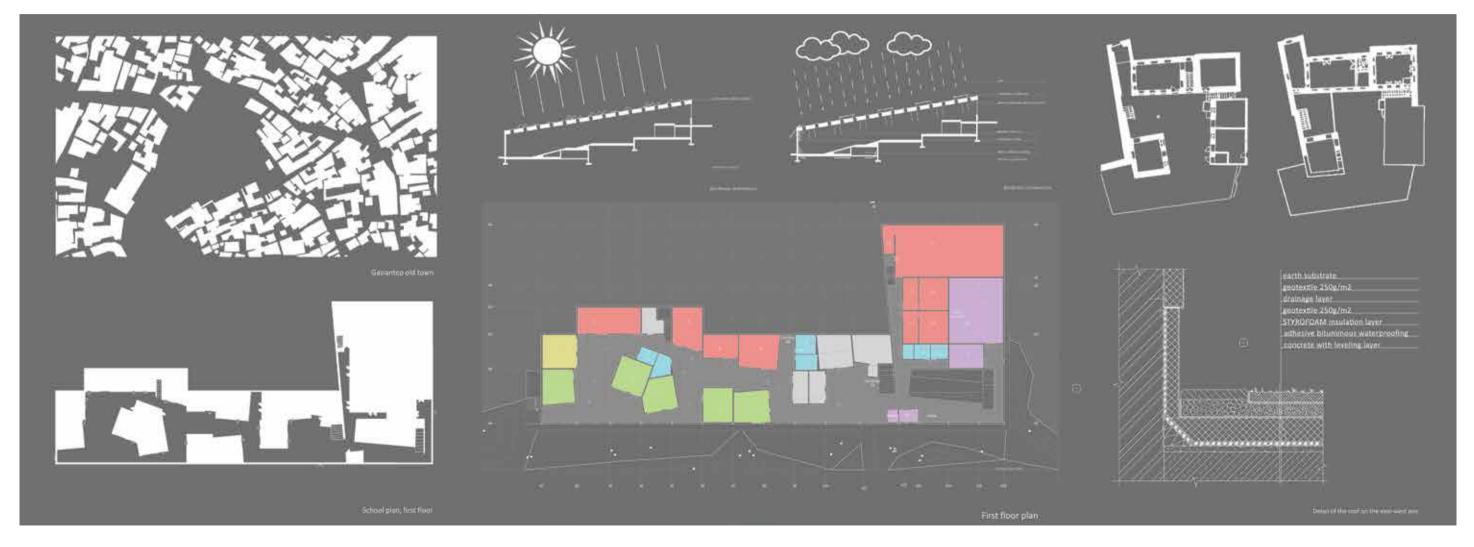




VILIUS MARCINKEVIČIUS

Vilnius - VGTU - Faculty of civil engineering











PRIZE
POLAND
National Stage 2014







KAROLINA CHODURA

PATRYCJA POKRZYWA

Gliwice - Silesian University of Technology















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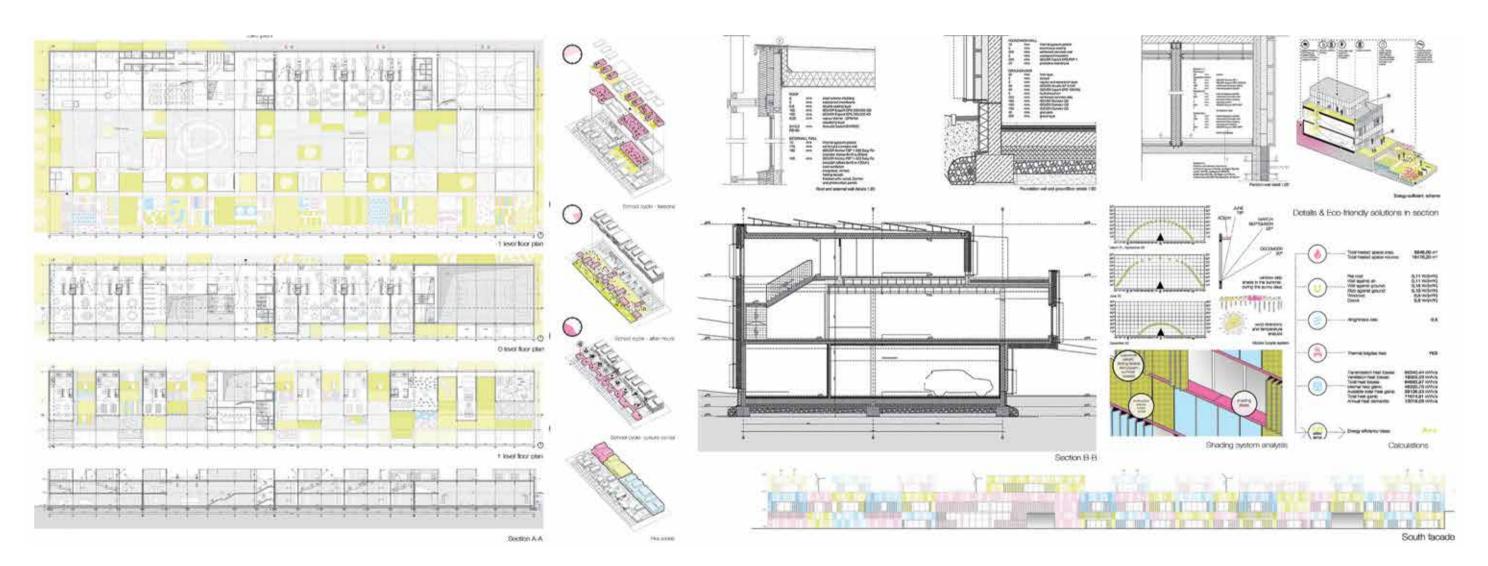
FILIP POTOCZEK

EDYTA WIŚNIEWSKA

MAGDALENA ORZEŁ

Gliwice - Silesian University of Technology





















DUONG VU HONG



MICHAŁ **SAPKO**

Gliwice - Silesian University of Technology















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ENACHE AMALIA



NEAGU ELENA

Bucharest - Ion Mincu University of Architecture and Urban Planning

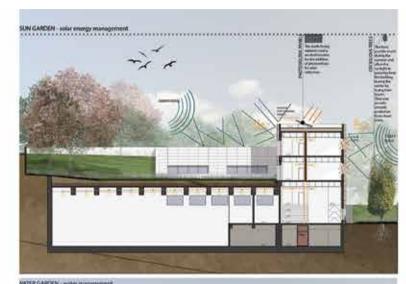




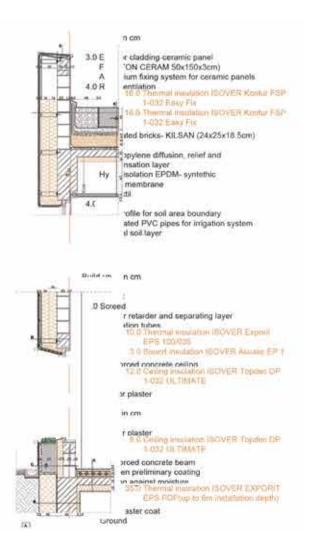
















III PRIZE

ISOVER
Multi-Comfort House
Students Contest
International stage,
Bucharest 2014





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ENEA UNGUREANU RADU CLAUDIU

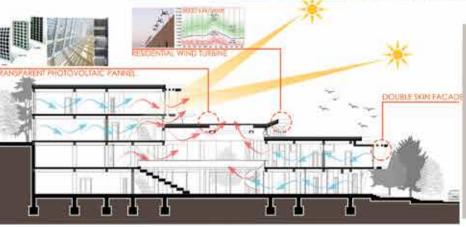
Iasi - Gheorghe Asachi Technical University of Iasi

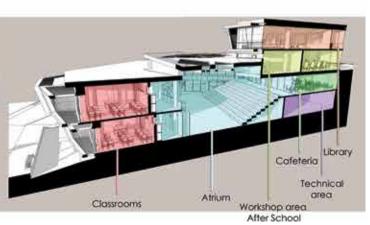


















PRIZE
ROMANIA
National Stage 2014





DIACONU FLORIN

Bucharest - Spiru Haret University, Faculty of Architecture and Urban Planning











PRIZE RUSSIA National Stage 2014







ALINA GAYANE NAZMEEVA CHUBARYAN

Moscow Institute of Architecture











ISOVER SAINT-GOBAIN





42



ASTAFIJEVA









VITALIY CHEBAN

Tomsk State Architectural University, Tomsk

















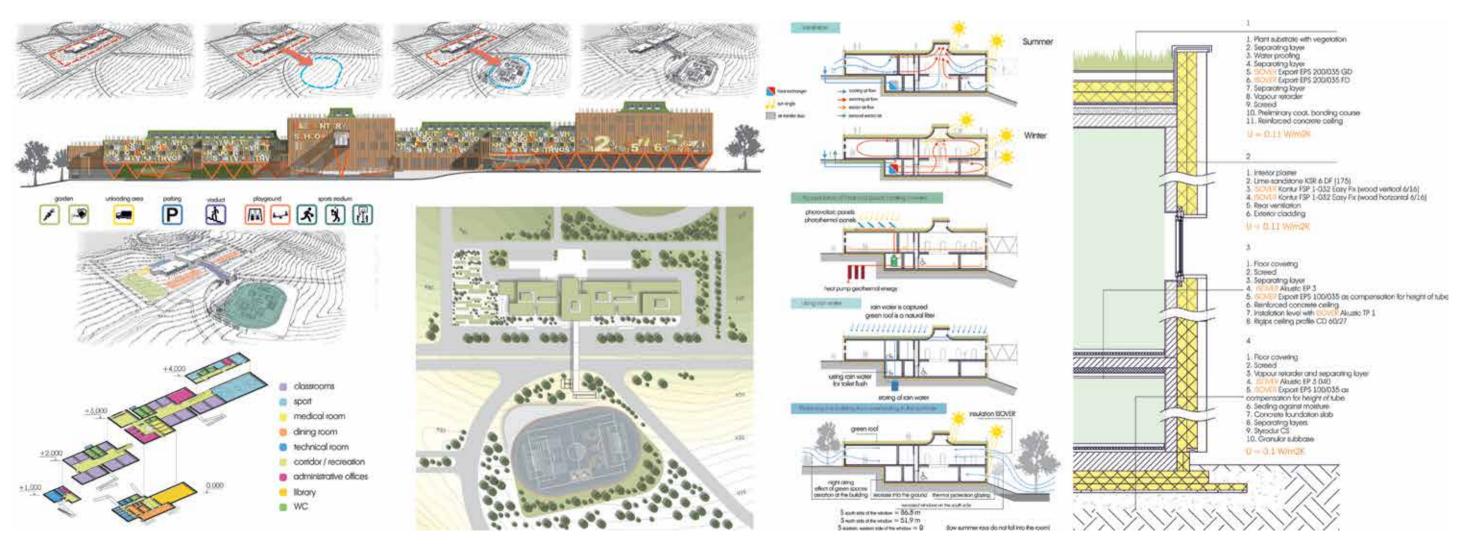




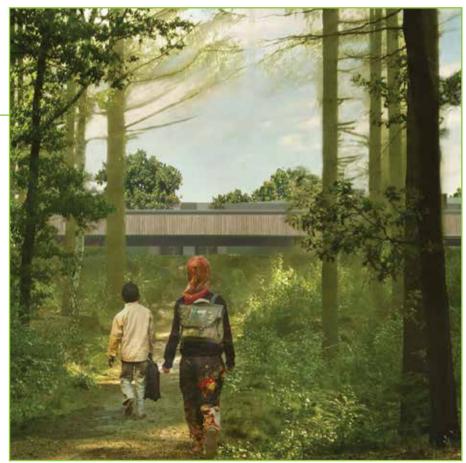
EKATERINA USTINA

Irkutsk State Technical University (ISTU), Irkutsk











PRIZE SLOVAKIA National Stage 2014





TOMÁŠ BOROŠ

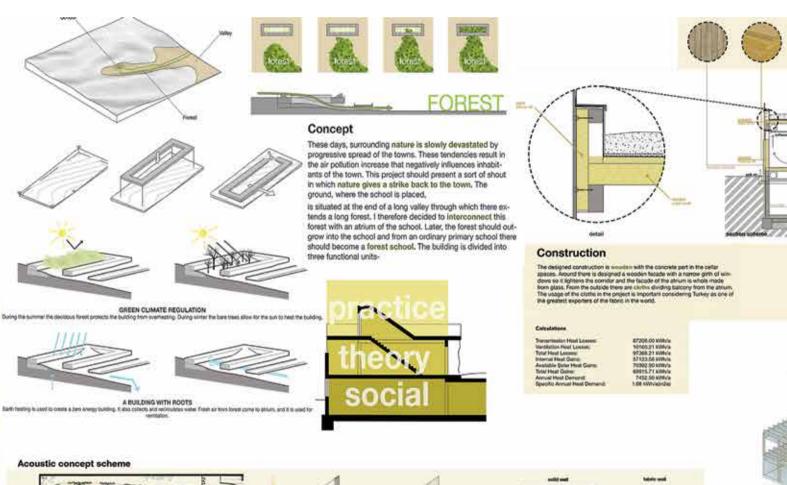
TU Košice, Faculty of Art, Architecture and urbanism











Construction axonometry







PRIZE
SLOVAKIA
National Stage 2014





JÚLIA GENŠOROVÁ

University of tehcnology, faculty of architecture, Bratislava











PRIZE
SLOVAKIA
National Stage 2014

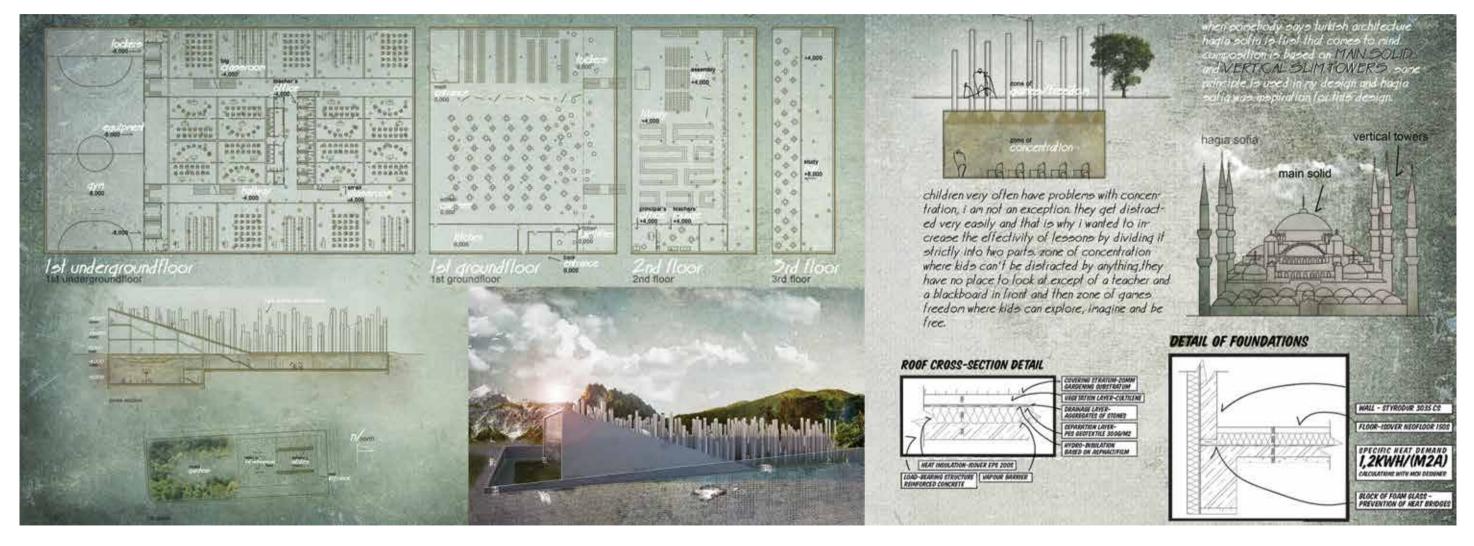




ERIKA HRIVÍKOVÁ

Slovak technical university in Bratislava, faculty of architrcture











ISOVET SAINT-GOBAIN









JANJA STARC

DANAJA VASTIČ

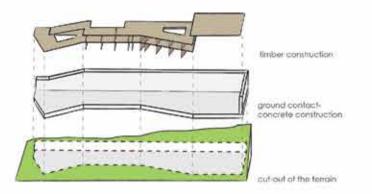
Ljubljana - University of Ljubljana, Faculty of Architecture

more information on www.isover-students.com



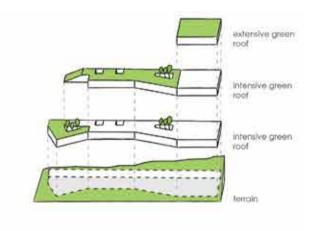














Rigips Rigidur H double layer, each layer 12.5 mm ISOVER Integra UKF 1-032 (wood 6/6 e=40cm, 13% wp)

ISOVER VARIO KM Duplex UV

OSB board or chipboard SOVER Integra ZKF 1-032 (wood 6/12 e=62.5cm, 9% wp) OSB board or chipboard

14,0 ISOVER Siliatherm WVP 1-035

1,2 Thick plaster

Build-up 8 in cm

Floor covering

Screed

ISOVER Akustic EP 3 040.

4.0 ISOVER Export EPS 100/035 as compensation for height of tube
1.9 CSB board or chipboard
16.0 ISOVER Integra ZKF 1-032 (solid wood beams 10/16, e=80cm, 11% wp)

OSB board or chipboard tretallation level with ISOVER Akustik TP 1 (glass wool, WLG 040)

Rigips Ceiling profile CD 60/27 as basic profile Rigips Ceiling profile CD 60/27 as supporting profile













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ŽAKLIN KRIŽAJ

PRIMOŽ ČERNELČ

TADEJ BOGOVIČ

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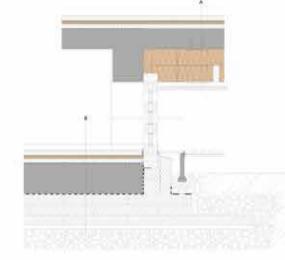


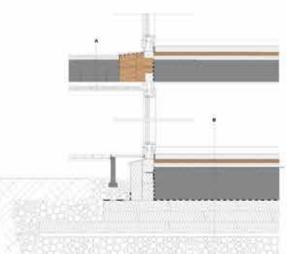












Build-up A in cm

Floor covering 6.0 Screed

- - Vapour retender and separating layer
- 3,0 100VER Akustic EP 3 040
- 4.0 ISOVER Export EPS 100/035 as compensation for height of tube

- Sealing against meating
 Concerns with
 Concerns with
- 4.0 Rear ventilation 3.0 AvGeTon Tozzo I

Build-up B in cm

- Floor covering 5.0 Screed
- Vapour renarder and separating layer
- 1.6 HSOYER Abustic EP 3 040
- 4.0 190VER Export EPS 109/035 as compensation for height of lutter
- 0.5 Seating against moleture 50.0 Concrete foundation slab
- Separating layers 16.6 Stylotyr CS
- 10.0 Styrodur CS 10.0 Styrodur CS Granular politicas

Build-up A in cm

- 1.0 Charamic Rise
 4.0 ISOVER Export EPS 100/005 as compensation for leight of tube
- 0.5. Souring against moreouse
- 20,0 Concrete alab
- #.0 Reacverdiation 3.0 A/GeTon Tenso 2

Build-up B in cm

- Floor covering: 5.0 Screed
- Vapour relation and separating lauer
- 3.0 ISOVER Abusin: EP 3.040.
 4.0 ISOVER Expert EPS 100/035 as compensation for reight of table.
- 0.5 Soling against moleties 30.0 Connote foundation slab
- Separating layers
- 10,0 Styrodur CS
- 10.0 Styrodur US 10.0 Styrodur CS

- Granular subbase















AJDA TERLIKAR

JOŠT HRIBERNIK

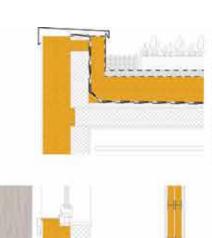
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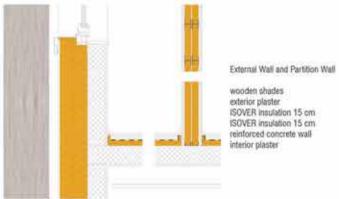


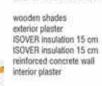


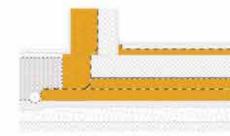




Roof - Wall Joint : Reverse Green Roof intensive plant substrate filter layer drainage layer ISOVER XPS insulation 30 cm protection layer moisture insulation leveling concrete reinforced concrete slabplaster instalations space suspended acoustic celling







Ground Floor : Foundation Slab for setsmically dangerous areas.

wooden flooring breeze concrete sound insulation foil foundation slab ISOVER XPS insulation 11 cm moisture insulation SOVER XPS insulation 11 cm teveling concrete gravel.







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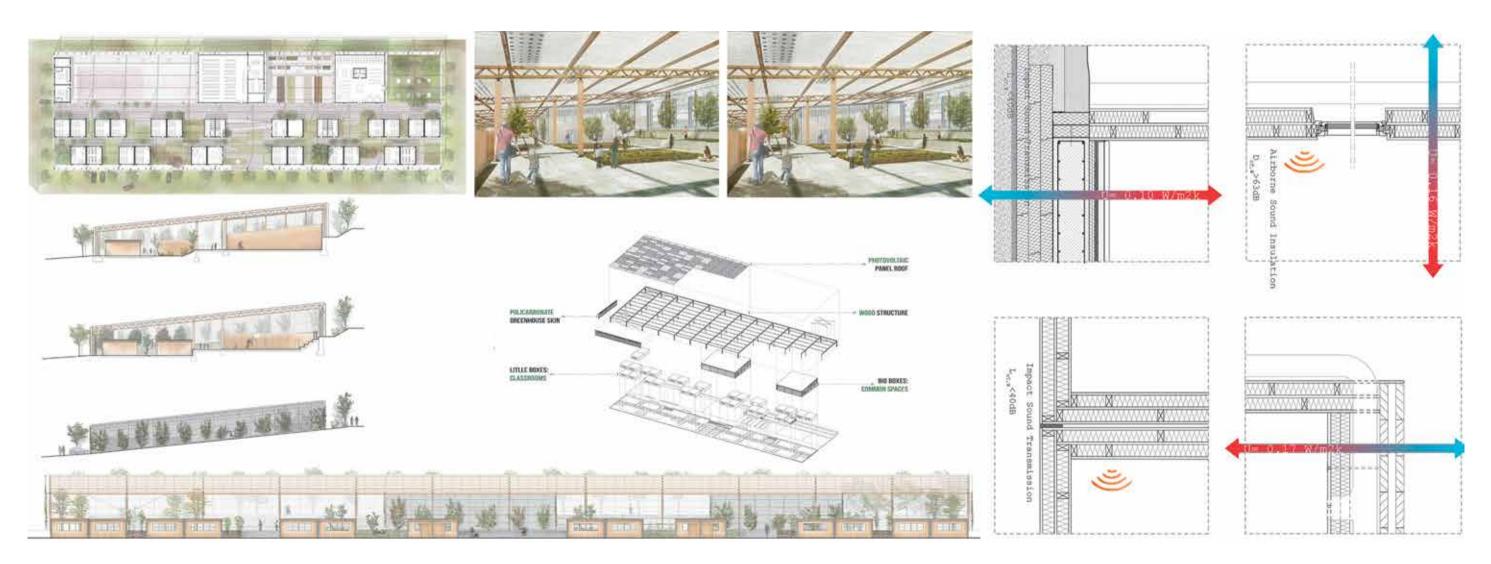


BELTRAN GRACIA GEORGINA



SANTI JULIÁ XERCAVINS











PRIZE TURKEY National Stage 2014



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BURAK

İLHAN







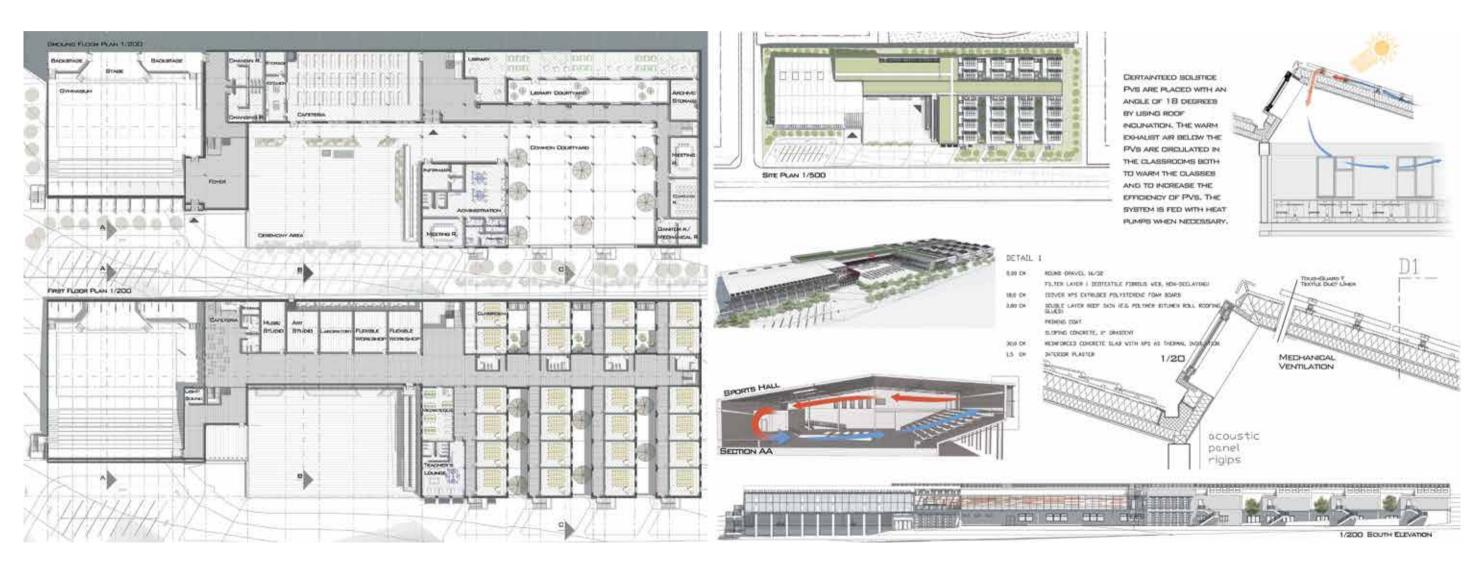
CEMILE CENGIZ

KUTAY BIBEROĞLU

Middle East Technical University

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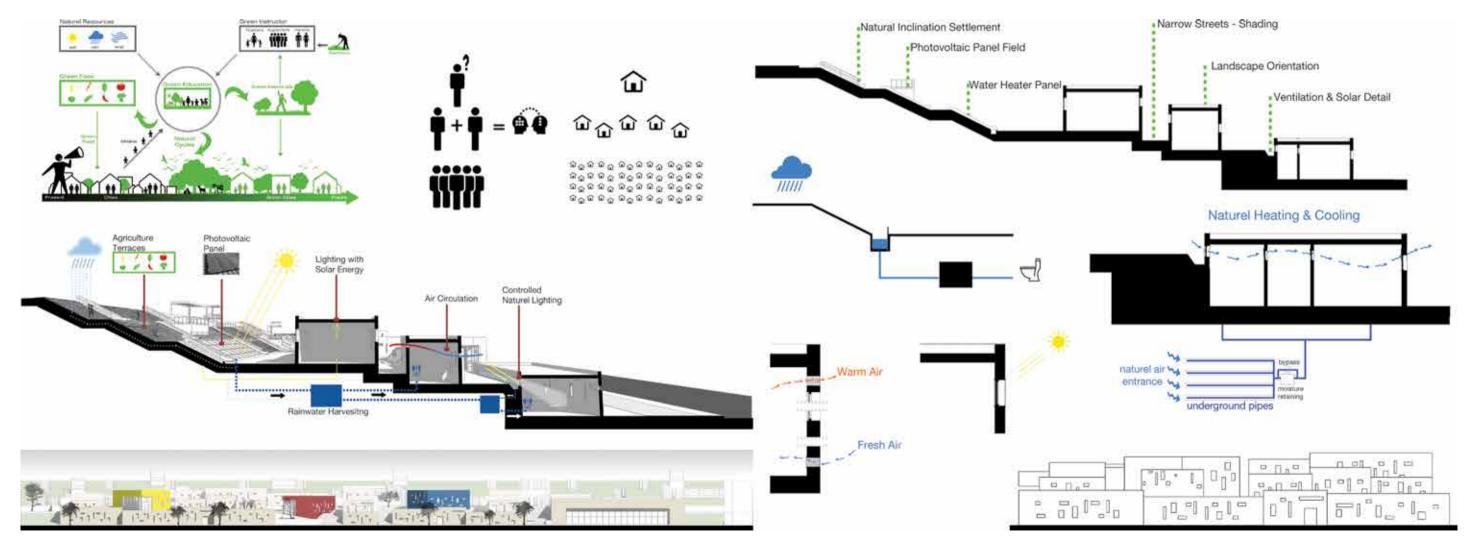


METE ESRA KESKIN YILMAZ

ALPEREN TURK

Istanbul Bilgi University and Yildiz Technical University











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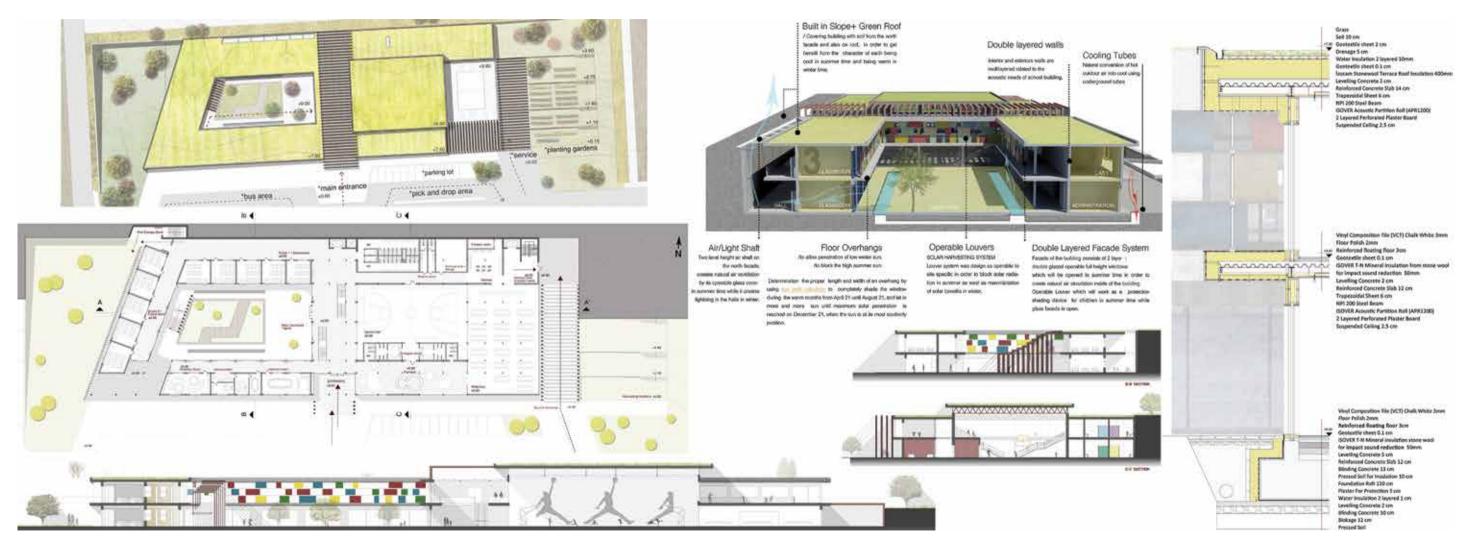


BARIŞ ATEŞ

FULYA MENDERES

Istanbul Technical University



















VALERII ASLANIAN

DMYTRO VALENTYN KAZAKOV UVAROV

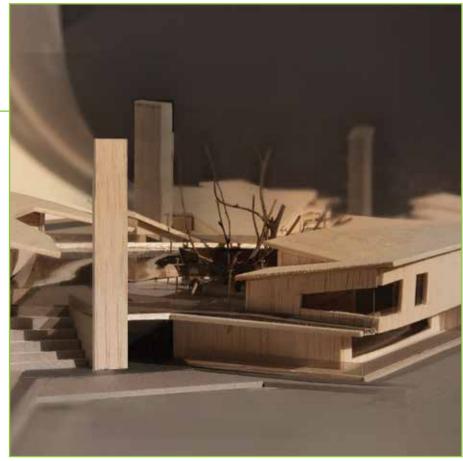
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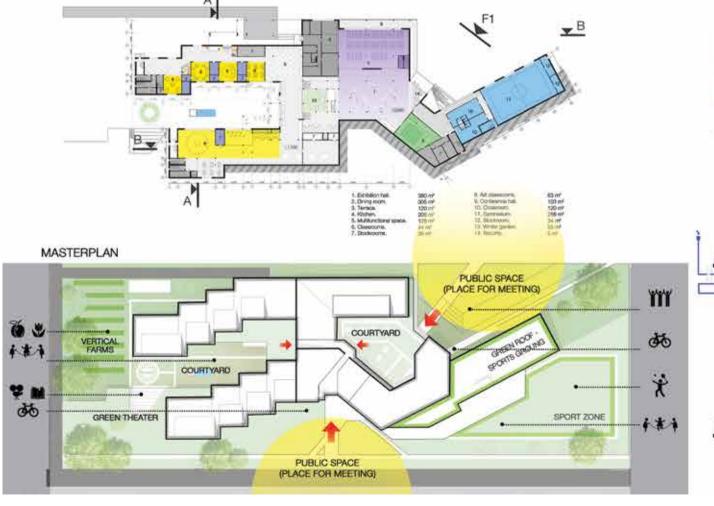




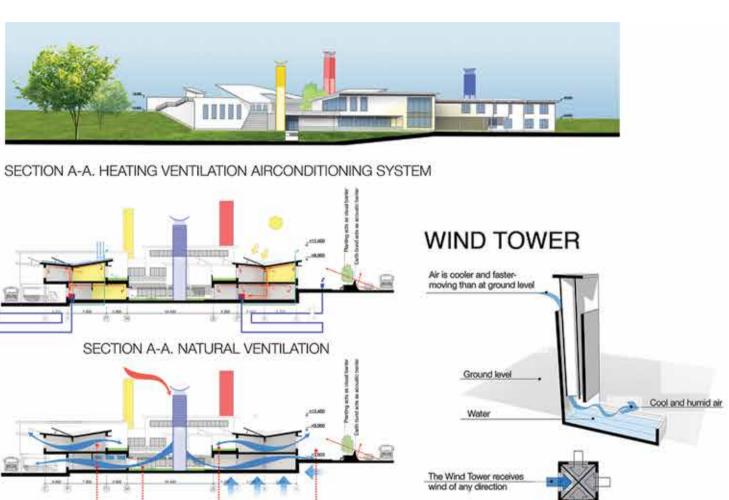
OLENA SHAPRAN

Kiev national university of construction and architecture





GROUND FLOOR



90





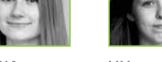
Special award

ISOVER
Multi-Comfort House
Students Contest
International stage,
Bucharest 2014













ANNA HOTS LILI RUDENKO

National Polytechnic University, Lviv











Special award

ISOVER
Multi-Comfort House
Students Contest
International stage,
Bucharest 2014





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UMER MAHMOOD

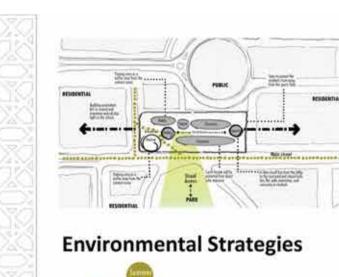
HEBA ABRIL DENI NAZER BALBUENA

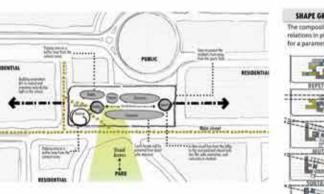
Nottingham - University of Nottingham, Institute of Sustainable Energy Technology





DAYLIGHT

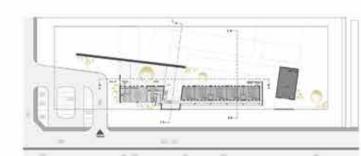




SHAPE GRAMMAR IN TURKISH HOUSES

The compositions of these houses are based on spatial relations in plan elements and types which provide the basis for a parametric shape grammar.



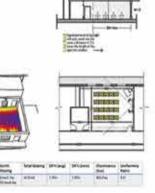








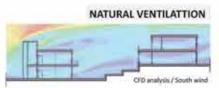
E15 20002****







Radiance - Daylight Analysis



Performance Analysis

400 ppm E ==

- December Setsual

3,342 eF

T,894 m

Street has been

Of your land

93 vertock 0.7 western

63 -- 45/6/8 0.8 -en. m N

Next Recovery System

ENERGY DEMAND CALCULATIONS

ENDER DIMAND CUCHATION TRACE¹⁶ 708

Corben Disable Level

Postiny Type

Facial condition even

Classing blanks

a Tutol Cooling land it. Their Hearing Land

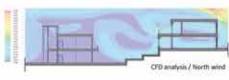
Air Tight

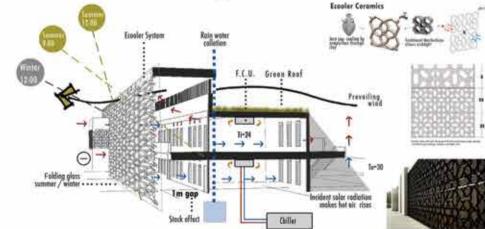
Window Simple Tremmi Bridge Free

Indoor A'r Quality Stemberill Calculation

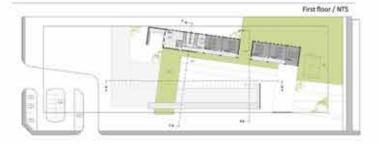
Construction Unvelope

Assettion Screens Design the bells Sverner Design was built Wester Design dry bulls





Mashrabiya detail



Second floor / NTS











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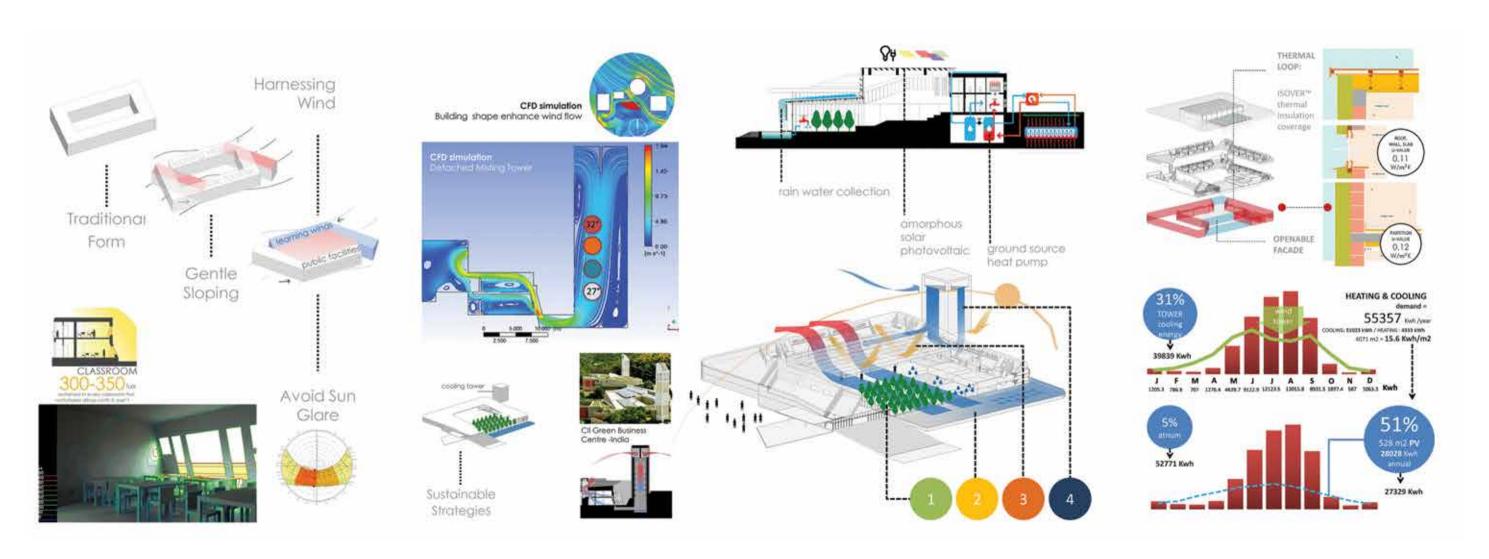
NADIA NALENDRA VASHTI GIGIH

HAIPENG WANG

Nottingham - University of Nottingham, Institute of Sustainable Energy Technology

ISOVET SAINT-GOBAIN







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All the relevant information since 2005: all participants and their projects, video recordings of the presentations and contest tasks, documentation, literature, photo gallery

