



May 05th, 2023

INTERNATIONAL COMPETITION FOR ARCHITECTURE, URBANISM AND URBAN PLANNING STUDENTS:

IRPIN: THE FUTURE HORIZON.

OFFICIAL ESSENTIAL BASE DOCUMENT STRUCTURE OF ESSENTIAL IDEAS, CONCEPTS, QUESTIONS; AND DEVELOPMENT OF COMPETITION PROCESS

- 0. Essential ideas, concepts, and questions of the contest.
- 0.1. The Irpin Reconstruction Summit (IRS) through Iryna Yarmolenko, have asked us to organize, jointly and with the special collaboration of the Faculty of Architecture at the Wroclaw University of Science and Technology, Poland, centralize and manage from Chile, this International Competition for Students of Architecture and Urbanism, with the specific objective (Delivered by these authorities) to build futuristic conceptual images to dream of a City of Irpin, profoundly modern and avant-garde, but in which its origins have been jealously protected and cared for and cultural and social characteristics deeply anchored in the collective memory of its inhabitants.
- 0.2. This international competition is a very special competition, about architecture and urbanism, obviously, but mainly it is a competition about the strength of heart, soul, spirit, passion and human compassion to rebuild the Ukrainian space through the City from Irpin!
- 0.3. All universities and institutions of countries that support the Ukrainian cause may participate.
- 0.4. In this way, the fundamental idea of this international contest is to build a **fresh**, **creative**, **innovative**, **free**, **and spontaneous conceptual image**, without professional or economic distortions, for the future, for the reconstruction of a city that has been destroyed by the invasion of the Russian army.
- 0.5. A fundamental idea is the commitment of each of the participating teams, to think and imagine a new city as a phoenix rising from the ashes: deeply rooted in its customs and traditions; a careful and respectful city with its natural, sustainable, ecological, green environment, which aspires to enhance its status as a happy city, a city of life, work, rest, recreation, culture, well-being and peace. In this context, the essential objective of this international competition is to protect and promote these essential ideas to recapture and revive the Ukrainian spirit.
- 0.6. The challenge of this new image of the city is that it has never been seen before, selecting some key aspects for its development and capturing a clear image of how these aspects are expressed in formal elements within the city, leaving behind old urban planning paradigms and replacing them with new points of view, conceptual, creative and innovative, to build a new urban space, which manages to mediate between the old conception of the dichotomy between public and private spaces, and separation of











specific urban areas and integration of various functions, building a new transition space: the new collaborative urban space for <u>future generations respecting the heritage</u>.

- 0.7. It is a competition for students of architecture and urbanism who will be leaders of each of the participating teams. It is highly recommended that each team include no more than one or two students from other professional areas of their same university, to dream together in a free, interdisciplinary, and complementary way about the development of a futuristic City of Irpin. The work of these students from different disciplines will be to give very simple and general advice on their conception of the new city to be projected. Although its incorporation will not be mandatory, it will add more points when judging the project.
- 0.8. From those futuristic dreams, the main intention is to contribute, <u>feed and enrich</u>, with a breath of freshness and young energy, the projects that are being currently developed for the post-war Ukraine by commercial and public professional offices and professional teams of architecture and urban planning, both national and international, which are limited by many restrictions from reality. This is not a professional competition for established architecture and urban planning offices, but an opportunity for the young generations of architecture and urban planning students to look at a strategic urban challenge from a conceptual, creative, innovative, and artistic perspective.
- 0.9. The essential idea is to find and build a new model of conceptual creation for urban development through the work of the student teams led by architecture and urban planners that, to build a new modality of work, not imposed by economist, business development priorities, not dominated by engineering logic of transport and a territorial ordering, free from a purely operational logic. Hence, the works submitted for the competition are not expected to follow any of the currently promoted concepts of urban development.
- 0.10. In this way each participating team, as part of the foundations and arguments of their proposals, **must answer explicitly** a handful of essential questions. This since there is nothing worse than constructing a good answer to a poorly formulated essential question: It is necessary to ask an excellent question to ensure an excellent response to the city's problems.
- 0.11. The opportunity presented by this international contest is to formulate very well a handful of essential questions that will make a difference with the other participating proposals, and will also have to confront and question the traditional canons with which are currently trying to understand and face the essential questions and challenges of our cities:
- a) What is your definition of the city of the future?
- b) What is your definition of the place for living and fulfilling life?
- c) How to incorporate and ensure health and dignity in the city?
- d) What will be the most important problems and challenges that cities will face in the near future?
- e) What essential objectives must be met considering the great urban failures of the current cities in the world?
- f) What new development tools do you propose to successfully meet these objectives?
- g) How can a happy, satisfied and secure city be created?











- 0.12. Based on the answers that each participating group gives to these questions, they must build their essential conceptual images to account for a new City of Irpin in a future vision, taking into account the following questions about the particularities of the city:
- a) What should be the relationship between Irpin, as a satellite city, with Kyiv?
- b) What is the role of Irpin within the Kyiv region, being an intermediate point between the international airport and the large capital city?
- c) What are the spatial and urban structures that must be implemented in the City of Irpin, together and in harmony with its pre-existing elements, so that it can develop as an environmentally friendly city?
- d) What are the spatial, urban, and structural elements that must be implemented in the city of Irpin to achieve a happy, satisfied and secure city in a post-war context?
- 0.13. The proposal and strategy carried out by this contest is to put into full and profound discussion and questioning all the concepts, tools, coding, and interfaces used to understand, define, think, and project the current city, understanding that its current composition and configuration has failed in its basic function of generating happiness and human health and dignity.
- 0.14. Based on this premise, participants are encouraged to think freely about <u>a city of the future</u> which is not bound by the conceptual foundations on which it was built in the past, but at the same time considering the wisdom of recognizing its values and essential patrimonial elements that must not only be rescued and protected, but also strengthened in its future vision.
- 0.15. In short, the contest challenges the participating teams to build a conceptual image of a city of an uncertain future fused with its essential pre-existing values and heritage elements that differentiate it from any other possible future city.

#### 1. Context of the Competition

- 1.1. On February 24, 2022, without provocation or cause, the Russian army began the invasion of Ukrainian territory, beginning the tragedy of a new war. As part of his war strategy, he destroys the Hostomel International Airport and advances on Kyiv with the intention of attacking and destroying the city to bring about the fall of the Ukrainian Government.
- 1.2. On this route is the City of Irpin that became the last defense of Kyiv.
- 1.3. The heroic resistance and defense of the inhabitants of Irpin managed to stop the Russian army and prevent the fall of the capital and its government, but at a very high cost: more than 75% of the city was destroyed or severely damaged and 279 Civilians were killed and a large part of them were buried in common graves, to hide this massacre.











- 1.4. A few days after these events, Iryna Yarmolenko, representing the City of Irpin, where she is Advisor to the Mayor, calls for international help and invites a group of international consultants to form a team of professionals with the mission to draw up the Plan for the Reconstruction of the City of Irpin.
- 1.5. After a few intense months of joint work online, Iryna extended the formal invitation for this team of consultants to visit and work in Irpin, to learn in situ and first-hand about the experience of the devastation produced and to start developing the Plan of Reconstruction.
- 1.6. The international consultant, architect and urban planner, Cristián Alfredo Wittig Grell, responded immediately to this call, carrying out a humanitarian and professional work mission during the second half of June 2022.
- 1.7. As a result of this experience of professional and humanitarian work in the field together with the Mayor of the City of Irpin and his professional and technical teams, and of the trust and friendship generated, The Mayor officially entrusts this architect and urban planner with a series of architecture proposals and a collaboration to an urban development master plan, together with his professional and technical team Thought Group Chile.
- 1.8. Based on the development and results of this process, Iryna Yarmolenko invites Cristián Alfredo Wittig Grell and his Thought Group Chile team, to take charge and develop an international competition for architecture students, to think about the city of Irpin of the future, with a projected horizon of 30 more vears.
- 1.9. After accepting, Thought Group Chile, contacts, and requests support for the development of this competition process from several universities, faculties, and schools of architecture, where the Faculty of Architecture of Wroclaw University of Science and Technology (Politechnika Wraclawska) confirms its support and begins a joint work.

#### 2. Essential Objectives.

- 2.1. The central objective of this international competition <u>is to be able to contribute directly with new, innovative, avant-garde, and free ideas</u> from the sensitivity and abilities of young architecture and urban planning students from all over the world, to the urban process that is currently being developed for the reconstruction of the wonderful and heroic City of Irpin.
- 2.2. At the same time, this initiative will make it possible to generate **real involvement**, from the world of the architecture and urban planning academy, its professors and students, with the psychological and physical destruction that many Ukrainian cities and communities are experiencing because of the invasion of the Russian army.
- 2.3. Likewise, this contest will allow for a deep intellectual and artistic reflection on the meaning of a process of reconstruction of a city destroyed by war, and how, since that tragedy, it is possible to rethink this city and open new horizons for its future.











- 2.4. In this way, the opportunity presented by this international contest, as previously indicated, is to formulate a handful of essential questions very well and that will make a difference not only with the other participating proposals, but will also have to confront and question the traditional canons with which we currently try to understand and address the essential challenges of our cities:
- a) What is your definition of the city of the future?
- b) What is your definition of the place for living and fulfilling life?
- c) How to incorporate and ensure health and dignity in the city?
- d) What will be the most important problems and challenges that cities will face in the near future?
- e) What essential objectives must be met considering the great urban failures of the current cities in the world?
- f) What new development tools do you propose to successfully meet these objectives?
- g) How can a happy, satisfied and secure city be created?

Adding to these questions those that reflect the current problems of the city of Irpin:

- a) What should be the relationship between Irpin, as a satellite city, with Kyiv?
- b) What is the role of Irpin within the Kyiv region, being an intermediate point between the international airport and the large capital city?
- c) What are the spatial and urban structures that must be implemented in the City of Irpin, together and in harmony with its pre-existing elements, so that it can develop as an environmentally friendly city?
- d) What are the spatial, urban and structural elements that must be implemented in the city of Irpin to achieve a happy, satisfied and secure city in a post-war context?
- 2.5. These essential questions <u>must be answered by each of the participating teams as part of the requirements of the contest</u> and based on the answers that are constructed for these questions, each of the proposals of the participating teams must build their essential conceptual images to account for a new City of Irpin, one that is intended for the future:
- a) First, by identifying its qualities, essential characteristics, and urban and social values that existed prior to the destruction of the city.
- b) Secondly, taking advantage of this devastation situation to project a vision of a city that wants to incorporate all the positive and valuable elements of (post)modernity: technology, the state of the art, modern, avant-garde and vanguardist concepts, for leaving behind all the negative aspects of the shadow of the Soviet era, posing an opportunity for urban liberation.
- c) And thirdly, the possibility of thinking about this future city, under all the requirements to become a city that is friendly to the environment and deals respectfully with the current climate crisis context with innovation, creativity, and that is projected to become a cutting-edge city worldwide.











2.6. In this way, a final objective that we will pursue with the development of this process is that the winning ideas of this contest can be incorporated into the final urban strategy of the new City of Irpin, currently under development by the Irpin Reconstruction Summit (IRS) and its collaborating teams and organizations.

### 3. International Competition Proposal.

- 3.1. The name of the contest will be "Irpin: The Future Horizon." International Competition for Architecture and Urban Planning Students: futuristic conceptual ideas for the development of the City of Irpin, projected to the future.
- 3.2. The official language for the development of all stages of the contest process will be English.
- 3.3. The strategy of the competition is that, through <u>maps, digital images, renders or photomontages</u>, capture a futuristic conceptual idea of architecture and urban planning for the current development of the City of Irpin, in an imagined scenario for the future horizon. In brief: the <u>construction of a Conceptual Architectural and Urban Development Master Plan</u>, based on maps, images, photomontages, digital urban views, renders and a digital video, which account, briefly, of the main intentions and spatial definitions of each proposal.
- 3.4. This Architectural and Urban Planning Master Plan, along with the construction of its digital representation images, must present in a **powerful**, **efficient**, **clear**, **and summarized way**, **the answer to the Essential Questions**, **the main aspects**, **projects**, **and definitions of each proposal**, in an original, creative, innovative and avant-garde way, proposing a horizon of projection of inhabitants, extension of surface and main treatments carried out in the territory.
- 3.5. For these purposes, it is very important to present a comparative strategy between the pre-existing city to the invasion of the Russian army, the strategy of facing and reflecting on that same city since its current destruction and the proposal of its futuristic development, being coherent between the diagnosis made to its pre-existing and current condition and its futuristic proposal. In this sense, the Essential Questions referring to the city of Irpin itself must be considered.
- 3.6. Each proposal must **compulsorily and explicitly** integrate:
- a. One answer to each of the Essential Questions for the reformulation of the city in general and for the city of Irpin (11 answers in total).
- b. The qualities, essential characteristics, and urban and social values that existed before the destruction of the invasion.
- c. Take advantage of this destruction as an obligatory opportunity to project a vision of the city that incorporates all the positive and valuable elements of (post)modernity: technology, the state of the art and avant-garde concepts of the city; leaving behind all the negative aspects of the shadow of the Soviet era and the war context, posing an opportunity for urban liberation.











d. Think about this future city, under all the requirements of transforming into a wise and smart city, friendly to the environment, that deals respectfully with the current climate crisis context with innovation, creativity, and that is projected to become a vanguard city worldwide.

## 4. Participation, development, presentation, and delivery formats

- 4.1. The contest will be aimed at students in the last years of the architecture and urban planning career, from faculties, institutes, schools of architecture and urban planning that are part of officially and internationally recognized and accredited universities.
- 4.2. The format of the contest will allow the participation of student teams, with a **minimum of two (2)** and a **maximum of six (6)** members per registered team, led by architecture and urban planning students. It is highly recommended that they include, as consultants, students from other areas related to the population and the city (sociology, anthropology, engineering, psychology, construction, art, etc.) These groups **will have a teacher or a team of guide teachers (2 maximum)**, who are formally employed by the University, Institutes and Schools of Architecture and Urban Planning who wish to participate.
- 4.3. For such purposes, the Director of the International Competition, first, will contact electronically, a list with a selection of faculties and schools of architecture and urbanism with which they want to work for any event, and then will launch an open invitation to the faculties and architecture schools that wish to participate.
- 4.4. Once the interest to participate has been confirmed, a Formal Letter of Invitation will be sent, detailing aspects of the contest.
- 4.5. Each team must register digitally on an official website of the contest, which will be enabled for such purposes soon.
- 4.6. The registration system will be through the Educational Institution, University or School of Architecture. Internally, these schools will define if the contest development process will be carried out through a workshop/seminar, or if groups formed independently of the internal academic planning of the educational institution will participate.
- 4.7. The number of groups that can be registered by educational entities will be from 1 to 5. No more than 5.
- 4.8. The registration fee per team will be 200 Euros, that must be deposited in a current bank account of the Adolfo Ibáñez University, which will be specially enabled for these purposes. Each Faculty, School or Institute of Architecture and Urbanism must send a formal letter to the Director of the Contest via email (international.contest@icausirpin.com) confirming their interest in participating in our contest and informing the number of student teams that will be registered, **before 8:00 p.m. (CET) on May 26, 2023**
- 4.9. All Ukrainian institutions or universities are exempt from the fee.











- 4.10. Once the acceptance of the invitation to participate has been formalized, and the digital registration has been completed, a leader will be defined for each of the groups. This leader must be one of the teachers or tutors of the participating teams and will be responsible for leading and coordinating their respective institutions with the Director of the International Competition.
- 4.11. The process of the International Contest will be based on 6 phases:
- a) Phase 1: The university or student entity will choose the proposals that will enter the international competition. The way in which these groups are chosen (workshop, seminars, etc.) will be defined by the universities or educational entities themselves and the selected groups will be informed to us on the contest platform through a formal representative of the university.
- b) Phase 2: Registration and pre-selection of participants according to compliance with the basic requirements of the contest (formats, organization and number of pages, font, bullet point, duration, and resolution of the video). This process will be carried out by the Contest Management. This phase will be digital through the official email of the contest (<a href="mailto:international.contest@icausirpin.com">international.contest@icausirpin.com</a>). Each Faculty, School or Institute of Architecture and Urbanism must send a formal letter to the Director of the Contest via email (international.contest@icausirpin.com) confirming their interest in participating in our contest and informing the number of student teams that will be registered, before 8:00 p.m. (CET) on May 26, 2023.
- c) Phase 3: Online digital selection of 10 finalists chosen by the Official Jury of the contest.
- **d) Phase 4:** The 10 finalist teams will have the opportunity to present their projects to the International Jury, answer questions and defend their proposal.
- **Phase 5:** From the presentation of the 10 finalist proposals, the International Jury will define 5 shortlisted, whose works will be printed and exhibited in the City of Irpin to involve the local community in the construction process of the new city of Irpin. This process will be through an online vote in which they can choose the project that best represents them.
- f) Phase 6: This last stage is divided into two consecutive days and includes the trip of 1 representative from each group of the 5 finalists to Wroclaw for their presentation at the Faculty of Architecture of Wroclaw University of Science and Technology (Politechnika Wraclawska).

During the first day, the last 5 finalists will have the chance to present their projects live to students, teachers, and guests at the award ceremony. At the end of this day the jury will select the first 3 winners and 2 honorable mentions. This result will be weighted with the results of the online voting carried out by the inhabitants of Irpin.

On the second day, the award ceremony for the first, second and third place will be held. This process will be broadcast through the official social networks of the contest and the University of Wroclaw. This Final Ceremony will take place during the fourth week of February 2024. The exact date of this ceremony will be officially informed to each of the officially registered participating universities.











4.12. Each formally registered team must deliver three A0-size sheets in digital pdf format in color, which must respect the letter format (define format) and bullet marked on the attached example sheets, in addition to respecting the order described below:

### a) Sheet number 1:

A <u>main digital image</u>, visualization in 3D, render, handwritten perspectives, or photomontages, on a large scale and with a striking visual character that captures the central futuristic and conceptual idea of the project. This along with the development of a <u>working memory</u> that will include the main ideas developed in the proposal as well as the work modality. This memory must explicitly include the answers to the 11 essential questions previously exposed in this document and must be through drawings, sketches, writings, or perspectives by hand, including:

- Inspirations with comments and conclusions.
- Sketch of the main idea/vision of the concept to develop.
- Design guidelines of the program assumptions.

#### 11 Essential Questions:

- a) What is your definition of the city of the future?
- b) What is your definition of the place for living and fulfilling life?
- c) How to incorporate and ensure health and dignity in the city?
- d) What will be the most important problems and challenges that cities will face in the near future?
- e) What essential objectives must be met considering the great urban failures of the current cities in the world?
- f) What new development tools do you propose to successfully meet these objectives?
- g) How can a happy, satisfied, and secure city be created?
- h) What should be the relationship between Irpin, as a satellite city, with Kyiv?
- i) What is the role of Irpin within the Kyiv region, being an intermediate point between the international airport and the large capital city?
- j) What are the spatial and urban structures that must be implemented in the City of Irpin, together and in harmony with its pre-existing elements, so that it can develop as an environmentally friendly city?
- k) What are the spatial, urban, and structural elements that must be implemented in the city of Irpin to achieve a happy, satisfied and secure city in a post-war context?

# b) Sheet number 2:

A <u>conceptual map</u> scale 1:10000 based on the submitted planimetry, showing the future functional structure of the city together with the particular work on <u>some critical spaces</u> (defined by participants) within the city of Irpin. All the graphics and approaches must account for the main intentions and spatial definitions of each proposal, including:

- Texts, tables, diagrams, and graphs of the functional program concept and for each special part, place or sector selected to be remodeled, improved, or worked.
- Texts, tables, diagrams, and graphs of the functional and spatial conceptual vision of the project.
- Schemes explaining design solutions for each special part, place or sector selected to be remodeled, improved, or worked.











- c) Sheet number 3: This last sheet will take place to show the rest of the 3d digital images, render, photomontages or handwritten perspectives developed on the conceptual idea of the new city for Irpin in a graphically important and attractive way. These should not be more than 3 or 4.
- d) Along with all the above, each group must present a **video** in MP4 format of no more than 2 minutes in 1920 x 1080 resolution with a 16:9 aspect ratio; in which you must include:
- A first-person recorded description of any of the group members recounting "the journey of the contest": <a href="https://document.org/new-name-recorded-description-new-name-recounting-
- <u>Some visualizations in 3d movement,</u> touring the places intervened by each team.

These three sheets and the video will be sent in digital format to the Contest Management, to be preliminary reviewed if they meet the requirements and rules demanded by the contest, and after being approved, start the formal review process by the International Jury.

The files that contain these three sheets must come in a compressed folder, the weight of which may not exceed 20MB.

#### 5. Organizing team of the competition and its functions

- 5. 1. From Chile, where we will centralize the administration and development of the contest, our team is made up of the Senior International Consultant, Architect and Master of Housing and Urbanism Mr. Cristián Alfredo Wittig Grell, who will officiate as Director of the Contest, the Architect and Magister in Sustainable Architecture from the Pontificia Universidad Católica de Chile, Ms. Camila Rivera Álvarez, who will officiate as Executive Secretary of the Contest, the support of the Staff of the Thought Group Chile team and the support of the Territorial Intelligence Center of the Adolfo Ibáñez University.
- 5.2. In this way, they will be co-organizers with the work team of the City of Irpin led by the Advisor to the Mayor Iryna Yarmolenko, with the help of the Urban Advisor, Mikhail Sapon, the Faculty of Architecture of the Wroclaw University of Science and Technology represented by Arch. Kajetan Sadowski and Arch. Marcin Michalski and with the Territorial Intelligence Center of Universidad Adolfo Ibáñez represented by its Director Arch. Luis Valenzuela and Executive Director Arch. Marcela Letelier, work that will be centralizing and organizing all this process from the City of Santiago de Chile.
- 5.3. Likewise, the Director of the International Contest, together with the Executive Secretary and their Thought Group Chile work team, will develop the administrative and technical bases of this International Contest, the invitation and dissemination documents of the contest, they will contact, invite and coordinate the different faculties, institutes and schools of architecture, urbanism and urban planning in Europe and the rest of the world, who wish to participate, and will assume the responsibility of inviting and forming the International Jury, defining its President and Executive Secretary, and on the other hand, defining the detail of the terms of its format, its formal delivery and the prizes for its winners.
- 5.4. The process of development and administration of the contest will be financed through the participation registration fee that must, as a contribution, be paid by each faculty and school of architecture, urbanism, and urban planning, for each of the interested teams to participate.











5.5. The official closing of the competition will be during the fourth week of February 2024 whose specific date will be officially informed to the officially registered participating universities in the contest, at the Wroclaw University of Science and Technology (Wroclaw, Poland), considering the proximity to Ukraine and the relationship of Wroclaw with Ukraine.

## 6. The Official International Jury:

The Official International Jury is made up of 8 architects representing the 3 countries which developed the contest:

# City of Irpin:

Arch. Mikhailo Sapon (On behalf Mayor Oleksandr Markushin).

**Ukraine:** 

Arch. Olga Kleitman.

Arch. Oleksii Obraztsov.

Arch. Anna Kyrii.

Poland:

Arch. Tomasz Ossowicz.

Arch. Katarzyna Sadowy.

Chile:

Arch. Teodoro Fernández Larrañaga.

Arch. Luis Valenzuela Blejer.

For further information, please visit our Official Web Site Page: international.contest@icausirpin.com

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