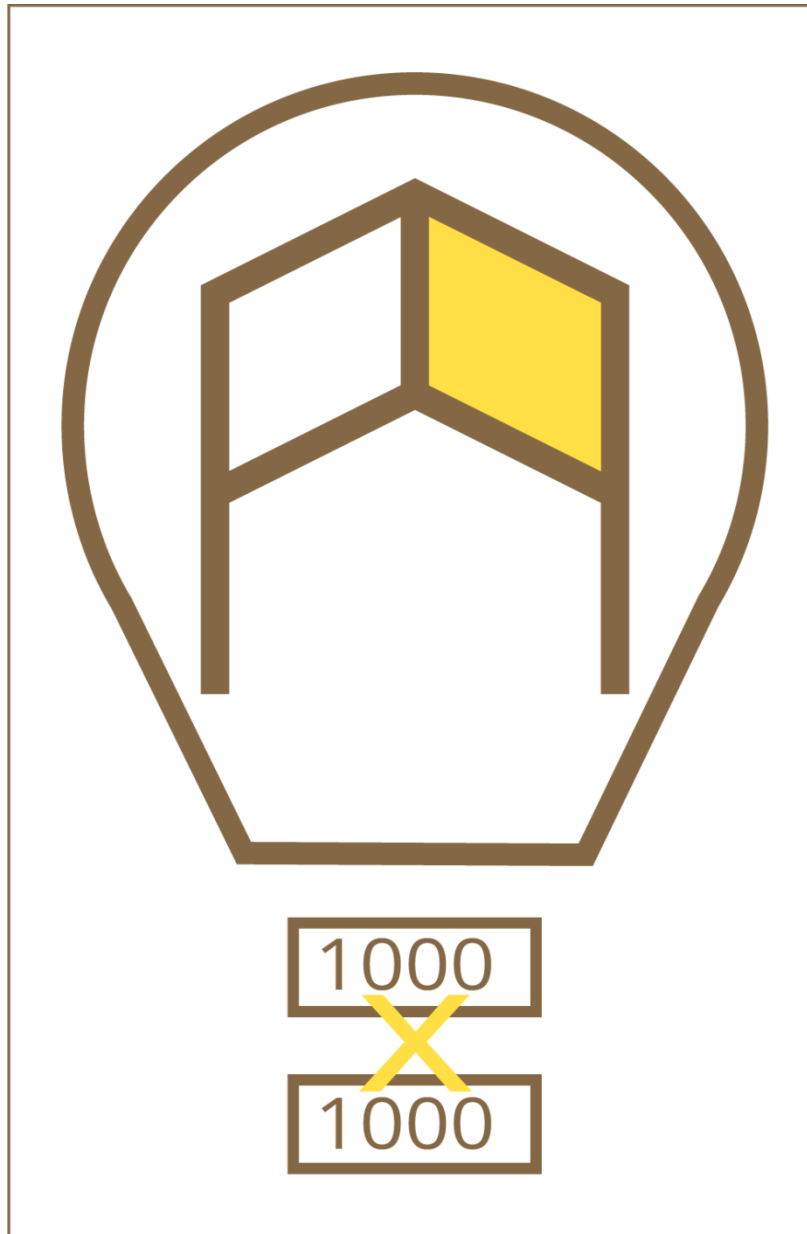


CALL FOR

INTERNATIONAL IDEAS COMPETITION



Preliminary of a straw-bale
House of the Associations
in Caino, Brescia (Italy)

Deadline: 30th May 2017

Award: €1.500,00



INTERNATIONAL IDEAS COMPETITION

Preliminary of a straw-bale House of the Associations

- **Promoter:** Promopaglia
- **Restrictions:** open procedure
- **Eligibility requirements:** anyone aged 30 years or under (e.g. designers, technical experts, agronomists, permaculturists, etc.); participants can apply either individually or in a team
- **Topic:** design of a 40 sm building suitable for a House of the Associations in Caino, Brescia (Italy)
- **Official languages of the competition:** English and Italian

Section I: TOPIC

The competition topic is the preliminary design of a 40 sm one-floor building, located in an Italian municipality, to be announced later, employing **straw bale and timber construction techniques**. The building will consist in a single multifunctional area available to different associations to carry out conferences, meetings and events.

The building will be used periodically and in a discontinuous way, thus management costs should be minimized.

Thanks to an agreement between Promopaglia and the Municipality of Caino (Italy), the two winning projects will be submitted to the Municipality as part of a public- private partnership in order to achieve their realization.

Section II: PROMOTER

II.1) Registered name, addresses and contacts

Registered name: Promopaglia

Address - Technical Branch: via S. Rocchino 99/a

City: Brescia

Zip: 25123

Country: Italy

Contacts:

Engr. Elisa Masserdotti - interface with public - information (Italy).

Engr. Silvia Gori - interface with public - information (abroad).

website: <http://www.esbg2017.eu/competition/>

info: competition@esbg2017.eu





II.2) Promopaglia Mission

Promopaglia is an Italian association founded with the aim of promoting the use of straw in architecture and engineering.

Straw, an agriculture waste product, can be excellently used in either new constructions or rehabilitation projects. The use of straw has many advantages: it is a cheap and efficient insulating material during both winter and summer seasons; straw-bale envelopes are vapour-permeable and contribute to create a unique living comfort; no chemical substances or dangerous emissions are spread in the environment.

Using straw in building construction contributes to reduce CO2 emissions: no energy is needed for production and CO2 is stored in the walls.

For all these reasons the main goal of Promopaglia is the promotion of technical and scientific culture of straw as a raw material in Italy.

Section III: AWARDS

III.1.1) Awards

The jury will select 2 winning projects: an Italian and a foreign winner. Each winner is receiving a scholarship worth **1.500,00 €** to join a three months internship in an internationally recognized architectural firm, leader in sustainable design. Two studios have been currently selected: Studio Albori in Milan (IT) and Atelier Werner Schmidt (CH). The Italian studio will host the winning foreign designer while the foreign one will host the Italian designer. During the internship the winners will have the chance of developing the project until the executive phase thanks to the technical assistance of Promopaglia. Promopaglia will present the two executive projects to the Municipality; it is up to the Municipality to decide whether or not to realize them.

III.1.2) Visibility

The architectural jury will select the best 10 projects whose owners will receive a free ESBG ticket for the 18th of June. On this day they will present their projects in front of a technical jury, institutional, political, entrepreneurial and professional authorities, media (newspapers, television and radio) and the ESBG visitors. At the end of the presentations the jury will proclaim the two winning projects.

III.1.3) Selected projects

The top 10 projects will enter a public-private partnership of subsidiary construction project that will be available on www.promopaglia.it before the end of 2017 and submitted to several Italian Municipalities thanks to Promopaglia partners.





Section IV: PARTICIPATION MODALITIES

IV.1) Eligibility

Anyone aged 30 years or under (e.g. designers, technical experts, agronomists, permaculturists, etc.); participants may enter as individuals or teams. Each team must designate the team leader who will be awarded the prize.

The competition is denied to: competition organizers and members of the jury, their spouses and relatives up to the third degree of kinship, or anyone who has an ongoing relationship of work, employment or continuative collaboration with them. Incompatibility is extended to all members, partners or consultants of the participating team.

IV.2) Anonymity

The competition is anonymous. In order to guarantee anonymity and optimize the upload process, Promopaglia will receive the registration forms and only the anonymous projects will be submitted to the jury.

In order to avoid any jury bias, the authors' name will be displayed after all projects will be evaluated, starting from June the 6th 2017.

Promopaglia will be the unique guarantor to preserve the anonymity of the competition.

IV.3) Documentation to be provided

IV.3.1) Project documents: **No.1 board in UNI A1 format, vertical orientation.** Composition is free. The board must contain building plans, sections and elevations; each element must be described graphically as deemed fit. The board must also include a descriptive abstract. The project document must not be signed.

IV.3.2) Fees and online form filling: After the payment of the **50,00 € entry fee**, the online form must be filled according to the specifications listed on the web page <http://www.esbg2017.eu/competition/>. Participation as an individual or a team must be specified in the form. In case of teams, each participants' name and role must be indicated.

IV. 4) Participation

Participants must send their project following this procedure:

- 1- Creation of an 8-digit **alphanumeric code** using uppercase letters (e.g. ABCD1234);
- 2- Realization of the **A1 vertical board**, according to IV.1, IV.3.1 and V;
- 3- **Payment** by Paypal (on the website) or by bank transfer to:

BANCA ETICA

ASSOCIAZIONE PROMOPAGLIA

IBAN IT16N050181110000000233345

BIC CCRTIT2T84A

REASON: ESBG2017 COMPETITION: CODE (x)

e.g. REASON: ESBG2017 COMPETITION: CODE ABCD1234





- 4- Filling of the registration form at <http://www.esbg2017.eu/competition/> (specifying the payment details, the alphanumeric code and the ID details) before **May 10th, 2017, h.23.59**;
- 5- Upload of the design on the website <http://www.esbg2017.eu/competition/> before **May 30th, 2017, h.23.59** (file PDF, maximum file size 5 MB).

Promopaglia will verify the observance of terms and conditions of the competition; mistakes and incorrectness could lead to exclusion from the competition. Decisions taken by Promopaglia will not influence the jury that will just receive the projects in PDF format; only after June 6th 2017, the competitors' identities will be published.

Section V: PRELIMINARY SPECIFICATION FOR THE DESIGN

- 1- Site area:
 - a) address will be announced shortly
 - b) dwg files and photos are available at <http://www.esbg2017.eu/competition/>
- 2- Architectural and stratigraphic restrictions:
 - a) net internal area of 40 sm
 - b) multifunctional area for groups of 15/25 people
 - c) timber structural system
 - d) straw bale envelope
 - e) covering materials compatible with timber and straw
 - f) building without sanitary system; toilets are not required because already provided in some neighbouring facilities
- 3- Ergonomic restrictions:
 - a) limited construction site as far as costs and time are concerned
 - b) possible partially self-build by future users
- 4- Economic restrictions:
 - a) almost null management costs
 - b) qualitative budget for construction of 40.000 € (VAT excluded)

Section VI: ASSESSMENT

VI.1) Assessment parameters

An evaluation from 1pt up to 10pt will be assigned to each paragraph hereafter described:

VI- 1.1) actual environmental and energetic sustainability of the project

VI- 1.2) project suitability to the construction principles reported at V

VI- 1.3) ability to create connections between the building and the surrounding area

VI- 1.4) architectural and urban quality of the project

VI- 1.5) technical and economical feasibility of the project

The architectural jury will select the best 10 projects: 5 Italian and 5 foreign projects. After the presentations on June 18th, the jury will decree the 2 winners, an Italian and a foreign one.





VI.1) Jury

Architectural panel:

3 Italian designers/professors/experts in sustainable architecture

Prof. Arch. Benno Albrecht, University IUAV of Venice

Arch. Giacomo Borella, Studio Albori in Milan

Prof. Arch. Marco Navarra, University of Catania

Technical panel:

3 members of the ESBA - European Straw Building Association - board www.strawbuilding.eu

Dirk Eberhard (FR), Vice President

Herbert Gruber (AT), Treasurer

Audrey van den Heuvel (NL), Secretary

The panels members may change due to unexpected events or sudden factors.

Section VII: DEADLINES

VII- 1) Registration deadline

Payment and online form registration within **11:59 p.m. on May 10th 2017**.

VII- 2) Submission deadline

Upload of the A1 board at <http://www.esbg2017.eu/competition/> within **11:59 p.m. on May 30th 2017**.

VII- 3) Proclamation of the 10 best projects

Digital proclamation of the top 10 codes will be available on the web page <http://www.esbg2017.eu/competition/> within **June 5th 2017**. Starting from June 6th 2017 the selected competitors' names will be displayed on the competition site and the authors will be invited to discuss their projects on **June 18th 2017**, during the ESBG 2017 event, that will be located in Venice from June 15th to 19th.

Section VIII: CONCLUSIONS

All procedures described in this International Ideas Competition must be fulfilled; all projects will be property of Promopaglia and exposed in Venice during ESBG2017, at Terminal 103, from the 16th to the 18th of June 2017. The jury in charge to select the two winning projects will be named after the submission deadline. If the jury asserts that all proposals are inadequate, no winner will be announced. By submitting an entry, competitors grant to accept this competition entirely.

Milan, 12/04/2017

STAFF PROMOPAGLIA

