A collaboration between some of South Africa’s most influential design entities, the inaugural Plantr Design Challenge will bring to light a new wave of talent.

Exclusively for students attending schools of design across South Africa, we aim to provide up-and-coming designers with a platform to showcase their creative skills and be rewarded for it.

ENTRIES OPEN 15TH JULY 2020
SUSTAINABILITY | DESIGN | INNOVATION

THE SEARCH FOR BEAUTIFUL INNOVATION AND CREATIVE BIOPHILIC DESIGN BEGINS
HOW WILL JUDGING WORK?

The entries will be judged by representatives from Plantr, VISI, The IID and The GBCSA using a points system. The following criteria will be taken into account:

- Innovation & Originality
- Detail
- Sustainability
- Adherence to Design Brief
- Aesthetic Design
- Presentation

Design entries to the 2020 design contest must be original and unpublished. The product should also comply with current safety standards, ergonomic characteristics with both environmental and sustainable design characteristics.

WHAT NEEDS TO BE SUBMITTED

1. All entries need to be submitted in a PDF document containing the following:
   1. A brief report detailing the motivation, general concept and features behind your design.
   2. A mood board containing the look and feel.
   3. A detailed CAD drawing of your submission containing the plan, elevation
   4. A photo-realistic render of your submission.
   5. A material list breakdown and costing.
   6. A brief description of how the product will be packaged
   7. Prototypes and models will count for additional points but are not required.

2. The top 5 entries will be required to produce a prototype.
   1. The prototype, will need to be a fully functional product as specified in the detail.

3. All entries need to be accompanied with the following:
   1. A 3D model of your submission in the following formats OBJ, FBX or DAE.
   2. A completed entry form with signed Ts & Cs.

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DESIGN BRIEF

- To design a set of 2 to 3 planters that encompass the look and feel of Plantr’s aesthetic. The set must contain a size variety.
- The planters should be as environmentally friendly as possible. See guidelines for bringing sustainability into your designs from the Green Building Council SA below.
- The maximum of 3 materials may be used (excluding fixtures).
- Each planter in the set shall not be smaller than 400mm (wide) x 400mm (deep) x 600mm (high)
- Each planters in the set shall not be larger than 1400mm (wide) x 600mm (deep) x 1200mm (high)
- The manufacturing cost must not exceed R4,000 Incl. VAT.
- The planters must be designed to fit our self-watering liners. Drawings and dimensions are below, and 3D models are available for download.
1. Copyright on this design is reserved by the author(s).
2. Errors & omissions are to be reported to the designer/architect as soon as they become evident.
3. Only figured dimensions are to be used and drawings are not to be scaled.
4. All levels & dimensions are to be verified on site before setting out & before workshop drawings or construction commences.
5. This drawing is to read in conjunction with the drawings approved by the local authority & all discrepancies are to be reported to the designer/architect.
6. All materials specified by trade names are to be sorted & fixed, erected or laid in accordance with the manufacturers specifications.

GENERAL NOTES:

CLIENT: Plantr
PROJECT TITLE: Self-Watering Liners
DRAWING TITLE: Plantr_Liners_Square S
REVISION: 0
DATE: 11-06-2020
SCALE: 1:2
FILENAME: Pl_SWL-04
DRAWING NO.: Plantr_Liners_Square S
DRAWN BY: AM
REV.: 0

PLAN SCALE 1:2
FRONT ELEVATION SCALE 1:2
SECTIONAL ELEVATION SCALE 1:2
3D IMAGE

CLIENT: Plantr
PROJECT TITLE: Self-Watering Liners
DRAWING TITLE: Plantr_Liners_Round S
REVISION: 0
DATE: 11-06-2020
SCALE: 1:2
FILENAME: Pl_SWL-01
DRAWING NO.: Plantr_Liners_Round S
DRAWN BY: AM
REV.: 0

PLAN SCALE 1:2
FRONT ELEVATION SCALE 1:2
SECTIONAL ELEVATION SCALE 1:2
3D IMAGE
GENERAL NOTES:

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CLIENT: Plantr
PROJECT TITLE: Self-Watering Liners
DRAWING TITLE: Plantr_Liners_Round M
DRAWING NO.: Pl_SWL-02
DATE: 11-06-2020
SCALE: 1:2
DESCRIPTION: Plantr
DRAWN BY: AM
REV.: 0

GENERAL NOTES:

1. Copyright on this design is reserved by the author(s).
2. Errors & omissions are to be reported to the designer/architect as soon as they become evident.
3. Only figured dimensions are to be used and drawings are not to be scaled.
4. All levels & dimensions are to be verified on site before setting out & before workshop drawings or construction commences.
5. This drawing is to read in conjunction with the drawings approved by the local authority & all discrepancies are to be reported to the designer/architect.
6. All materials specified by trade names are to be sorted & fixed, erected or laid in accordance with the manufacturer's specifications.

CLIENT: Plantr
PROJECT TITLE: Self-Watering Liners
DRAWING TITLE: Plantr_Liners_Round L
DRAWING NO.: Pl_SWL-03
DATE: 11-06-2020
SCALE: 1:2
DESCRIPTION: Plantr
DRAWN BY: AM
REV.: 0
The winning entry will receive:

• An exposure package.
• The design put into production and available on the Plantr platform, along with a commission package.
• The design offered as a giveaway to VISI magazine readers.
• A VISI magazine Subscription.
• A KeyShot Pro rendering software license.
• A GBCSA Interiors Course.
• An IID Membership.
bringing sustainability into your design
Your design and choice of materials has an impact on the environment and the health of people who live with your products in their homes and offices. The goal is to reduce negative impacts as much as possible. You can do this by thinking responsibly about your design and the materials you use. Here are some important aspects to consider:

### What it's made of

**Are the materials re-purposed or recycled?**

Aim for 80% of your material to come from reclaimed or re-used materials. If using new materials, make sure they are made up of as much recycled content as possible (at least 40% is recommended). It takes a lot more precious resources like water, energy and raw materials to produce brand new materials. Rather give new creative life to reclaimed materials.

**Are the materials locally sourced?**

Know where the raw materials for your design come from and aim to get them from within a 400km-1000km radius. Imported materials tend to have a much higher carbon footprint.

### How it's made

**What are your materials made from?**

Natural, biodegradable and recyclable materials are best. Hybrid materials that will not biodegrade or cannot be recycled often end up littering the environment. Certain materials also contain volatile organic compounds (VOC’s) and can be detrimental to human health, so these are best avoided.

**Who made your materials?**

If you know who made your materials, you can find out if they were responsibly manufactured by companies with legitimate environmental and social management standards. Credible and recognised eco-labels can also help with this, such as the FSC or PEFC labels which indicate wood products sourced from forests with sustainable practices.

**Is it durable?**

We want our products to have the longest life possible before being replaced, so make sure they are robust enough to withstand everyday life and can be easily repaired.

### About Green Building Council South Africa (GBCSA)

The GBCSA and its members are working to transform the built environment in South Africa. The information above is derived from the GBCSA’s Green Star Interiors rating tool, which gives guidance on creating sustainable interior spaces and certifies projects that have gone the extra mile to design healthy green spaces.

**The after life**

**What happens to your product in the end?**

Try to ensure that your design’s materials can be re-used once it’s served its original purpose. It is more likely to be re-used or recycled if it can be easily taken apart at the end of its life, and is made from easily recyclable materials.
TERMS & CONDITIONS

1) Entries open on the 15th July 2020.
3) Any entries after the 15th August 2020 will not be accepted into the design challenge.
4) Top five entries will be announced on the 19th August.
5) The top five entries will be required to make a prototype beginning the 19th August.
6) The top five prototypes must be delivered to the Plantr Showroom by 15th September.
7) All entries must be submitted via email to designchallenge@plantr.co.za
8) The design challenge is open to all students of design, interior design, architecture, industrial design.
9) Winners will be notified by email or telephonically.
10) Prize Details
   1) All prizes will be delivered to the winner within one month of the announcement date.
   2) Commission on product sales will be valid for a period of 24 months from launch and will be paid out quarterly.
   3) KeyShot Pro Licence will be valid for a period of 12 months.
   4) GBCSA Interiors Course may be redeemed by the winning designer only, and within a period of 12 months following completion of tertiary studies.
   5) IID Membership will be valid for a period of 12 months following completion of tertiary studies.
   6) VISI magazine subscription will be valid for 12 Months.
11) The winning design will be entered into a giveaway with Plantr & VISI magazine.
12) Each entry will be subjected to a point scoring system performed by a panel of selected judges from the individual entities.
13) Each entry will be scored on the following criteria:
   1) Aesthetic Design
   2) Sustainability
   3) Detail
   4) Ability to correctly adhere to design brief
   5) Use of material
   6) Presentation of entry including drawings, models, renders, motivation, story and info.
14) All designs entered into the design challenge remain the property of Plantr (PTY) Ltd, and associated collaborators, and cannot be replicated, reproduced or sold anywhere other than through Plantr (PTY) Ltd.

Signed by (full name) __________________________________ On the (date) ______________________

Signature ___________________________