

# MAKERS IN RESIDENCY 2026: DESIGN BRIEF: SHADING STRUCTURE FOR THE FUTURE COMMUNITY CAFÉ



*Intervention location: Park Izbrisanih, Center Rog's green area (appx. 300m<sup>2</sup>)*

## CHALLENGE

In Park Izbrisanih, Center Rog's green area, we plan to install a **modular and adaptable shading structure** for the area around our future community café. The goal is to create a pleasant microclimate and a shaded place for gatherings that will remain manageable in terms of installation, maintenance, storage and safe for public space use.

From the proposals of selected applicants, the participants and the programme team will jointly decide to implement the best solutions that respond to the below criteria:

- Feasible within the implementation phase (29 May - 7 June 2026) and budget frame (€15.000,00 before tax)
- Stable and safe for a public space in various weather conditions
- Modular and manageable (modules up to 20m<sup>2</sup> size, individual elements up to 4m in length)
- Aligned with Center Rog values: responsible, timeless, sustainable, aesthetic, with sensitivity to the site context and history
- Producible using [Center Rog workshops and available equipment](#)

# USE CASE FRAMEWORK

## CONTEXT

*Park Izbrisanih* is regularly used for **public events and Center Rog programs**—from presentations, community gatherings, and festival formats to **outdoor educational activities** (workshops, demonstrations, guided tours, hands-on sessions). The shading should therefore support **flexible layouts and people flow**, allow partial configurations, and be adaptable to different event scenarios. The **micro location** of the shading system is Rog Lab, the container architecture that will be repurposed and transformed into a community café. The intervention is the pilot activity of this transformation.

## SEASONAL USE & OPERATIONS

The shading system is intended for seasonal installation, ideally from **May to August**. After the season it will be **dismantled and stored by Center Rog staff**, who will also handle regular maintenance. To keep logistics manageable, the solution should be **adaptable** and designed so that individual elements are easy to transport, handle, and store.

## WEATHER CONDITIONS

The system must perform in real summer conditions: **heat waves, storms, and wind**.

# SPATIAL AND INSTALLATION CONDITIONS

## SIZE & SCALABILITY

The structure must be made of modules **up to 20m<sup>2</sup>** large and cover an area of appx. 150m<sup>2</sup>. The proposal must be conceived as an **adaptable system** that can be **upgraded over time**—for example by adding modules, increasing covered area, or combining configurations (e.g., *small setup* and *expanded setup*).

## CONSTRAINTS

Other existing park infrastructure (light poles, urban furniture) must not be modified, and the fixtures must be non-permanent. Overall, the approach should remain **reversible** and **avoid permanent changes** to the public space.

## ANCHORING

The system may be anchored with **ground screws** (in lawn/soil), **ballast weights** (if needed), and, when appropriate, **reversible fixings** to the modular café structure and/or the neighbouring building (see the photo below):



## MANDATORY REQUIREMENTS

### SAFETY

The system must be safe in a public environment: no sharp edges or hazardous protrusions, no pinch points or tripping hazards, and no *invisible* tensioned elements (cables/straps) routed at head height. The design should anticipate unpredictable user behaviour and typical public-space loads.

### STABILITY AND WIND RESISTANCE

Structural and anchoring logic must withstand **wind gusts > 50 km/h**. Applicants should identify critical risks (flapping, material fatigue, tensile forces, loosening connections) and propose a clear bad-weather procedure (e.g., storm mode, partial unloading, fast textile removal).

### WEATHER AND UV DURABILITY

Materials and surface protection must address corrosion, UV exposure, and moisture. Textile specifications should include type (shade mesh/fabric), tensioning method, replacement strategy, and cleaning.

### MODULARITY AND LOGISTICS

The solution must be designed for transport and storage, with **modules not exceeding 20m<sup>2</sup>** and **largest element length being less than 4 m**. A clear plan for how the system is dismantled, labelled, packed, and reassembled must be conceived.

### REALISTIC DELIVERABILITY

The proposal should rely on realistic fabrication processes available in the Center Rog [workshops](#), and **doable during the implementation phase** of the project (29 May 2026 - 7 June 2026). It should stay within the budget, **up to €15.000,00 before tax**.

## DESIRED FEATURES

Distributed or combinable shade fields (multiple *shade points* or a modular grid), soft filtered light and a comfortable microclimate (ventilation; avoid greenhouse effect), fast setup with a small crew, and an educational dimension (understandable structural logic; potential for community involvement).

## PROJECT DELIVERABLES

1. A public installation of the modular shading structure for **Neighbours Day event** (6 June 2026) in **Park Izbrisanih, Center Rog's green area**.
2. **Design and instructions** published and distributed on the **Center Rog Wiki repository**. By applying, applicants agree that the outcome of the program is intended for public sharing under a Creative Commons licence with credited authorship.

## SELECTION PROCESS AND CRITERIA

The selection committee consisting of **designers, architects, makers, and domain experts** will select the participants on the programme based on the following aspects of their solution proposal:

1. Stability and safety,
2. feasibility within time/process/budget,
3. modularity and logistics
4. shade quality and user experience,
5. alignment with Center Rog values
6. clarity of documentation, and
7. scalability and long-term potential.

## PROJECT PROPOSAL FORMAT

To keep submissions comparable and clear, applicants must present their solution in a **standardised format: three A3 pages (landscape), exported as a single PDF**.

You may include **reference photos, technical sketches, mood-boards, and simple mock-ups/physical models** (photographed) to support understanding. A well-made sketch, a simple plan, or a clear construction diagram is often more valuable than lengthy descriptions.

### PAGE 1 – CONCEPT & USE

- Project title and name of applicant/collective.
- Short concept description (50 words)
- Key diagram: shaded area logic and how people use the space (event + café scenarios)
- Main benefits (max 5 bullets): shade quality, flexibility, values alignment

### PAGE 2 – SYSTEM & STRUCTURE

- Structural principle: frame/primary elements, joints, tensioning strategy

- Anchoring concept: **ground screws / building fixings / ballast** (demonstrate where and why)
- Wind & storm behaviour: identification of critical points and *storm mode* procedure (what changes, what is removed/secured)
- Materials overview (for the structure and textile)

### PAGE 3 – BUILDABILITY & OPERATIONS

- Modularity and storage: breakdown of elements within modules
- Installation and dismantling: crew size + time estimate + tools needed
- Draft Bill of Materials and rough cost estimate

### PROPOSAL CHECKLIST:

- Bill of materials and budget is realistic ( $\leq$  €15.000,00 before tax)
- Implementation phase duration and available production equipment are considered
- Individual modules are no larger than 20m<sup>2</sup>.
- Anchoring is clear (**ground screws / building / ballast**) and reversible
- Elements are suitable for storage (**maximum 4m lengths**)
- Storm behaviour and procedure is clearly described
- Stability proven conceptually for **wind gusts > 50 km/h**
- System is scalable and expandable over time