C-LAB Future Vision Lab
FUTURE VISION LAB 2027 - Open Call

Guideline for Applicants

I. Purpose

Since its launch in 2020, C-LAB Future Vision Lab has consistently developed FUTURE VISION LAB, an experimental exhibition and performance project that engages in building a digital, experimental architectural site in a dome shape with its vision of exploring the visual limits of technology media. In 2023, with the support of the Ministry of Culture, the dome was expanded and upgraded to **"FVL DOME".** In terms of size, it is built as a movable DOME with a diameter of 15 meters. The audio-visual hardware and software have undergone several iterations, overcoming the image warping, calibration, mapping, play control, and video pre-production. The immersive image projection system achieves a total resolution of up to 8K*8K. Internally, a double-layer structure conceals the equipment, and a new type of acoustically transparent projection membrane is custom-made according to extensive discussions with the industry sector. In collaboration with Taiwan Sound Lab, a more refined sound field environment has been constructed, enhancing the system to a 25.4-channel immersive surround sound system. In the future, the Future Vision Lab will continue to develop immersive dome environments to meet international standards, showcasing Taiwan's energetic creativity and providing audiences with a superior immersive sensory experience.

FUTURE VISION LAB 2027, an annual program of experimental creation and presentation, will take place from **September to October 2027**. The international open call will launch in **November 2026** and will accept only **screen-based works** intended for dome projection (see detailed guidelines below). Selected projects are expected to be announced in **January 2027.**

II. Project Description

1. Content

The open call invites artists and collectives to create works for the DOME. The submitted work is required to feature future-vision-related themes, elements or content. The 2027 edition is open to **screen-based works** only (no live performance elements). Eligible genres include, but are not limited to: audiovisual art, experimental film, animation, AR, VR, AI-generated content, algorithmic visuals, live-action footage, and short films. Selected works will be screened at the FVL DOME, Taiwan Contemporary Culture Lab (C-LAB), in September–October 2027. The final presentation period is subject to adjustment by the organizer based on the overall programming.

Screen-based works are classified into the following two categories based on whether they involve new production. Applicants must select one category:

(1) New Work: A newly produced dome work, or a previous work adapted and re-produced as a dome version.
(2) Existing Work: A completed dome work that has been publicly presented.

The following requirements apply to both categories:

- Minimum duration: 10 minutes
- Number of selected projects: Up to **4 New Works** and up to **6 Existing Works**. The organizer may adjust the number of selections in each category based on the review results.
- Application period: From the date of announcement until **Monday, January 4, 2027, 17:00 (GMT+8, Taiwan Time)**
- Announcement of results: **January 25, 2027**

2. Previous programs' references

For programs from the previous editions, see the following links:

- FUTURE VISION LAB 2026 (https://clab.org.tw/en/projects/future-vision-lab-2026/)
- FUTURE VISION LAB 2025 (https://clab.org.tw/en/projects/future-vision-lab-2025/)
- FUTURE VISION LAB 2024 (https://clab.org.tw/en/projects/future-vision-lab-2024/)
- FUTURE VISION LAB 2023 (https://clab.org.tw/en/projects/future-vision-lab-2023/)
- FUTURE VISION LAB 2022 (https://clab.org.tw/en/projects/future-vision-lab-2022/)

- FUTURE VISION LAB 2021（https://clab.org.tw/en/projects/future-vision-lab-2021/）
- FUTURE VISION LAB（https://clab.org.tw/en/projects/future-vision-lab/）

For results of realized projects, see the website and social media platforms of C-LAB Future Vision Lab:

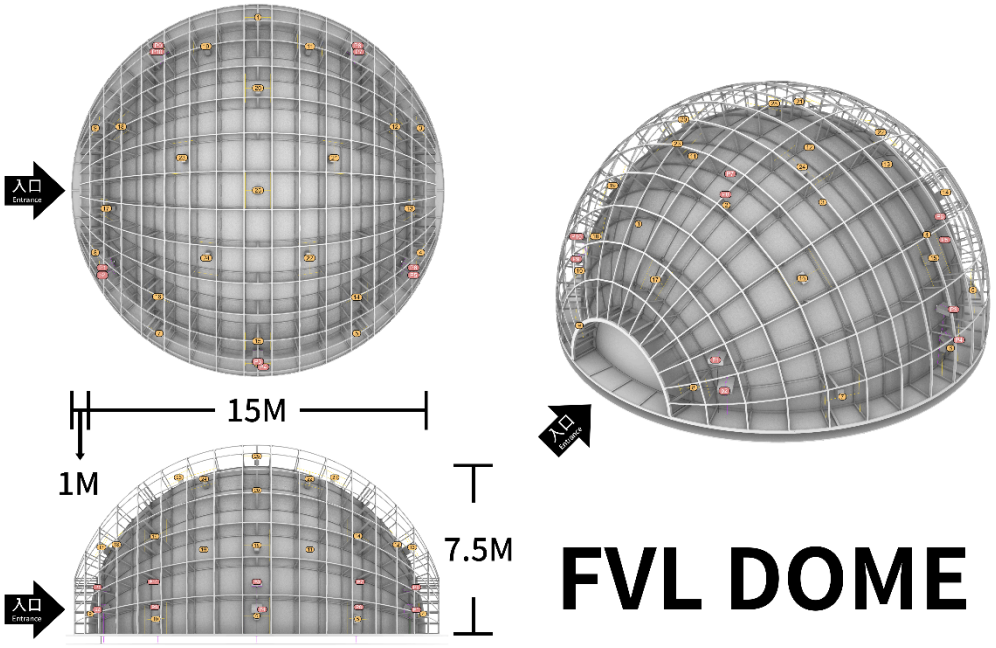
- FVL website: https://fvl.clab.org.tw/
- Facebook: https://www.facebook.com/CLAB.FUTUREVISIONLAB
- Instagram: https://www.instagram.com/clab.futurevisionlab/
- YouTube: https://www.youtube.com/playlist?list=PLXJ_MjvcL-q5V-vae8rmre2Rz4ZTjB6gF

3. Technical Specifications:

（1） FVL DOME- Spatial Structure

The interior features a smooth, curved surface made of acoustically transparent metal, equipped with **high-resolution dome projection** and a **25.4-channel Ambisonics sound system**.

- Dimension: The spheric screen has a diameter of 15 meters, and the height of the dome-shaped space is 7.5 meters.
- Capacity: 120 to 150 people



FVL DOME space and projectors position reference

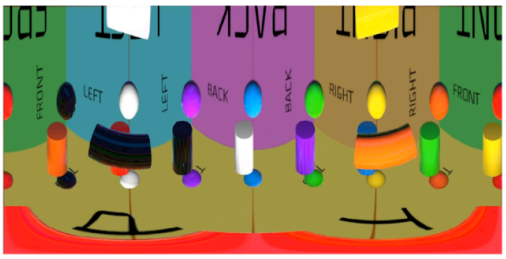
（2） Video Specification:

The FVL DOME is equipped with ten sets of 13,000-lumen laser projectors, delivering a total processing resolution of 4K*11, capable of presenting 8x8K high-resolution content. With dome warping and system integration technologies, the space supports both pre-rendered video playback and real-time audiovisual performance. **For optimal visual quality and playback smoothness, all screening content must be encoded using the HAP codec.**

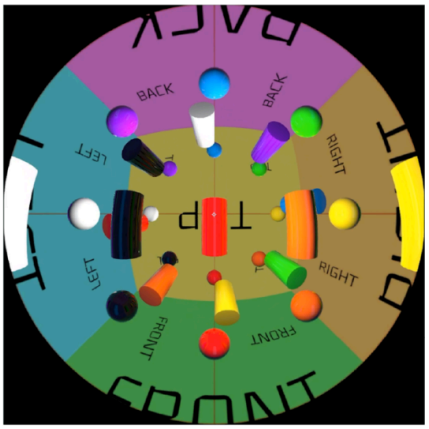
* Videos with a resolution of 6144x6144 or higher must be output with HAP chunk 16 Codec to play.

Video Format	HAP, HAPQ
Video Resolution	5120x5120 6144x6144(HAP chunk 16) 8192x8192(HAP chunk 16)
Video fps	30 or 60fps
Modes of Video Presentation	FishEye (FullDome) — preferred Equirectangular (2:1)

Equirectangular 2 : 1



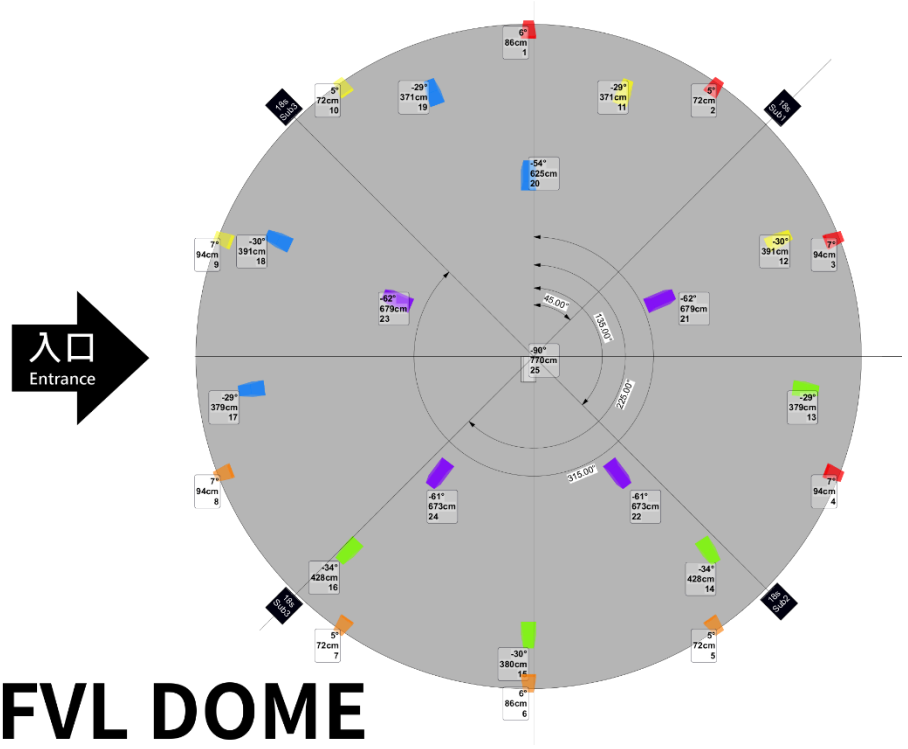
FishEye(FullDome)



Equirectangular (left) and Fisheye (Fulldome) (right) diagram.

（3） Sound System

A total of 25 sets of passive speakers and 4 sets of subwoofer speakers (as shown in the figure below) are configured for surround sound on site, supporting a variety of spatial audio formats, including 4th-order Ambisonics, VBAP (vector-based amplitude panning), VBIP (Vector Base Intensity), WFS (wave field synthesis) and other multi-channel surround formats.



FVL DOME 25.4-channel spatial configuration reference (angles and distances), top view.

There is a digital console on site, and one can use the main control computer to operate and play the pre-recorded audio or use it in series with the creator's equipment through the **Dante network system**. The sound sources can be input and converted through multiple channels, but it is recommended to use the **Ambisonics** related sound system for creation. After being selected, relevant technology introduction workshops can be arranged. It is recommended to provide audio files in WAV (Waveform Audio File Format) format to output multi-channel or Ambisonics format.

III. Eligibility of Applicant

1. The open call is open to individuals (joint creation allowed) without limitation of age and nationality, and to registered groups, studios, companies, or legal persons as well.
2. Submissions cannot be projects organized or commissioned by governments, political parties, schools, or other organizations with abovementioned entities as primary shareholders or benefactors. However, projects co-organized with public art organizations are permitted.
3. Every individual or group applicant may submit up to 2 projects (including joint creation).
4. Proposals that do not meet the criteria for screen-based works will not be reviewed.
5. The selected category must reflect the actual production status of the work. An Existing Work

that is retitled, re-edited, converted to a different format, upscaled to a higher resolution, or partially modified shall still be considered an Existing Work. The organizer and the review committee will determine the category based on the application materials. If the selected category is found to be incorrect, the organizer may exclude the application from review or revoke its selection.

6. Under any of the following circumstances, the applicant cannot submit an application or qualify for this open call:
    - Those who have records of serious violations of environmental protection, labor, food safety and health laws, or acts on the protection of rights and interests of people with physical and mental disabilities, gender equality, criminal law, under which the circumstances have been deemed serious by the authorities in charge within three years.
    - The representative or the core artists/creators of the proposal has been prosecuted or sentenced for violating relevant laws of the R.O.C. (Taiwan).
    - A third party claims to C-LAB or through social media that the applicant has infringed upon his or her rights, causing damage to the reputation or credibility of C-LAB or the Program.

IV. Resources and Requirements for Selected Applicants

1. Each selected project will receive a work fee:
    (1). New Work: NT$90,000 per work
    (2). Existing Work: NT$40,000 per work
2. The work fees above include tax and 2nd Generation National Health Insurance. For non-resident individuals and foreign organizations, 20% of the total amount will be withheld as tax in accordance with regulations.
3. In addition to the work fee mentioned above, C-LAB will not pay any other expenses for any reason.
4. Selected applicants should follow C-LAB's regulations and rules to present the exhibition/performance at the designated space, with related equipment provided by the organizer.
5. Selected applicants should follow the marketing schedule of the organizer to provide materials for promotion (e.g., artwork images, traditional Mandarin and English project description, etc.)
6. Selected applicants shall only self-market after the Organizer has announced the selection line-up and shall follow the marketing guidelines.

V. Application

1. The open call accepts online applications only. Submissions by mail will not be accepted.
2. Applicants should go to the application system at https://open-call.clab.org.tw/ via this open call announcement, published under "News – Open Calls" on C-LAB's official website at https://clab.org.tw/en/news/category/open-calls. Please follow the instructions in the system and complete all required fields before the submission deadline. Be sure to review your application thoroughly before submitting. Incomplete applications will not be notified or accepted.
3. For any questions, please contact us via email at RDPD@clab.org.tw.

VI. Required Documents

1. Basic information (personal/group name, contact info, personal/group bio, main creators' bio, team members and job titles, three representative works from previous projects- immersive works preferred).
2. Proposed project description (project title, type, language, subtitle, duration, concept, presentation plan)
3. Project demo audio/visual materials (demo video for 3-5 minutes, project mockup images)
4. Technical specification of the project (technical applications and requirement, equipment requirements and description)
5. Attachment (any documents help jury members understand your project)

VII. Review Process

1. The selection will be conducted through a single-round application materials review, during which the jury panel will evaluate and deliberate before finalizing the selected projects.
2. The result of the selection will be announced on C-LAB's official website and the Facebook fan page of C-LAB Future Vision Lab no later than **January 25, 2027**. Selected applicants will be notified by e-mail. Non-selected applicants will not be notified.

VIII. Evaluation Standard

1. The organizer will select and appoint experts, scholars, and organizer's representatives to form a review committee for evaluating the submissions.
2. The review committee will evaluate the submitted project proposals and audiovisual materials, and select projects based on the criteria of viability, relevance, experimentality, and innovativeness. If other related references are needed from applicants, the organizer will issue a

notice for more explanation and supplementary documents in advance.

IX. Contract Signing

1. The organizer and selected applicants shall negotiate the number of testing and screening sessions, resources, and the use of equipment. A contract will be signed after both parties reach an agreement.
2. Selected applicants must agree to the rules and regulations regarding the use of the organizer's venue, and finalize the signing of the contract before the designated date.
3. If the signing of the contract is delayed on account of the selected applicant's personal reasons, or both parties fail to reach an agreement for signing the contract, the organizer reserves the right of final approval or the right to revoke the qualification of the applicants.
4. Selected applicants should realize the projects according to the submitted project content. In the case of needing to modify the main contents of the projects, the organizer's written consent must be obtained.
5. In the cases of failing to sign the contract, projects being realized without following the contract, or the realized results not conforming to the regulations stated in the contract, the organizer has the right to revoke the qualification of the applicants, and demand partial or full return of the subsidy, depending on the severity of the case.
6. If the form of the exhibition/performance is adjusted, or if the exhibition/performance must be canceled due to force majeure, the organizer reserves the right to modify the implementation of the project.

X. Remittances and Audits

1. The work fee will be disbursed in full within one month following the first public presentation of the project.
2. All affairs related to remittances, audits, and the obligations and rights of both parties will be carried out according to the contract.
3. Necessary income tax withholding will be carried out according to Taiwan taxation regulations and laws.

XI. Others

1. Based on the goal of promoting experimental creation to society, all screenings are free of charge for the public. Should the presentation be adjusted to a ticketed format due to project

requirements, all ticket revenue shall belong to the organizer, and all other rights and obligations related to ticketing shall be specified separately in the contract.

2. If a selected project infringes the right of a third party, the selected applicant of said project shall take full legal responsibilities. If the infringement causes any damage to the right of the organizer, the selected applicant is responsible for compensation. If plagiarism and/or violation of the copyright law or other laws and regulations is involved, the organizer has the right to revoke or terminate the subsidization, and the selected applicant must return any payment made prior to the revocation or termination.
3. Selected applicants own the intellectual property right to the selected projects. The organizer is allowed to use information and material of the selected projects for non-profit purposes, including providing the unique exhibition/performance site and available technical support, conducting marketing campaigns, and nurturing emerging artists or art groups.

XII. For matters not covered in this guideline, the organizer reserves the right to make necessary amendments and changes.



FVL DOME at FUTURE VISION LAB 2026 (photo: ANPIS FOTO)