

Festival Report

Science Film Festival

Indonesia 2024

15th October – 30th November 2024



Embassy of the
Federal Republic of Germany
Jakarta



Science Film Festival Indonesia 2024

The 15th Science Film Festival in Indonesia was accomplished in 100 Cities throughout the archipelago. Returning in 2024, this year's Science Film Festival adopted the hybrid format. The festival team traveled to several cities, while some venues invited audiences on-site to watch films hosted remotely by the team from the Goethe-Institut Indonesia office with a video conference platform. Audiences were treated to 15 selected international films and had the chance to join fun science experiments led by 26 students from State University of Jakarta, Atma Jaya Catholic University of Indonesia, and Paramadina University. The festival recorded a total of 125.135 participants this year.

With the support of our dedicated partners, the festival was held for audiences in Ambon, Balikpapan, Banda Aceh, Bandar Lampung, Bandung, Bangkalan, Banjarbaru, Banjarmasin, Bekasi, Biak, Bintuni, Blitar, Bogor, Boyolali, Buol Toli-Toli, Ciamis, Cianjur, Cibirong, Cikarang, Cimahi, Cirebon, Deli Serdang, Denpasar, Depok, Ende, Fakfak, Gowa, Gunung Kidul, Jakarta, Jayapura, Jember, Jombang, Kabanjahe, Karo, Kediri, Kefamenanu, Kendari, Kobagma, Komodo, Kuningan, Kupang, Lahat, Lawang Kidul, Liwa, Lombok Barat, Madiun, Magelang, Majalengka, Makassar, Malang, Manado, Mataram, Matauli Pandan, Maumere, Medan, Mojokerto, Musi Rawas, Padang, Palangkaraya, Palembang, Palopo, Parepare, Paser, Payakumbuh, Pekanbaru, Pematang Siantar, Pontianak, Poso, Probolinggo, Rote Barat, Salatiga, Samarinda, Samosir, Sarmi, Sawahlunto, Serdang Bedagai, Sidoarjo, Soe, Sorong, Sukabumi, Sumbawa Barat, Sumedang, Surabaya, Surakarta, Tangerang, Tapanuli Utara, Tarutung, Tasikmalaya, Tentena, Timika, Toba, Tobelo, Tomohon, Toraja, Tulungagung, Waibakul, Waikabubak, Waingapu, Wonogiri, and Yogyakarta.

We would like to thank all participating parties for making the festival a full success in Indonesia and we look forward to continued cooperation in 2025.

Ekonomi Sirkular





Topic of the Year

Net Zero and the Circular Economy

The Science Film Festival 2024 centered on the theme of Net Zero and the Circular Economy, emphasizing the urgent need for actions beyond solely reducing global greenhouse gas emissions to address climate protection effectively. Recent research findings underscore that focusing solely on cutting CO2 emissions is insufficient to halt climate change. To meet the Paris Climate Agreement objectives, a swift transition to achieving net zero emissions is imperative. Yet, this ambitious goal demands significant changes that cannot be achieved overnight. Maintaining any level of net CO2 emissions above zero will perpetuate the rise in atmospheric carbon dioxide levels. Net zero concepts aim to counterbalance carbon dioxide production by actively removing it from the atmosphere.

Integral to this pursuit is the concept of a circular economy, which prioritizes the sharing, leasing, reusing, repairing, and recycling of existing materials and products for as long as feasible. By promoting the reuse and recycling of products, the circular economy effectively slows the depletion of natural resources, curtails landscape and habitat destruction, and aids in preserving biodiversity. The Science Film Festival endeavors to spotlight films from around the world highlighting the crucial role played by net zero concepts and the circular economy in combatting the challenges posed by the climate crises.

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The festival is a cultural and educational initiative in Indonesia. The participating films **encourage scientific awareness in Indonesia and demonstrate that entertainment and learning can be fun, combined effectively through film and television media.**

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Partners and Sponsors of the Festival

The 15th Science Film Festival in Indonesia was organized by the Goethe-Institut Indonesien in cooperation with Ministry of Education, Culture, Research and Technology of the Republic of Indonesia, the Embassy of the Federal Republic of Germany, Rolls-Royce, PASCH Initiative: "Schools: Partners for the Future", Bildungskooperation Deutsch – BKD, Indonesia Catholic University Atma Jaya, Paramadina University, Jakarta State University, and Satya Wacana Christian University.

The 15th Science Film Festival in Indonesia was also supported by many media and venue partners equally: Tempo Media, Bobo, National Geographic Indonesia, Greeners.co, IDN Times, Mongabay Indonesia, Kapanlagi.com, Liputan6.com, and venue partners, such as: Wisma Jerman Surabaya, Alliance Française de Medan, Persit Kartika Chandra Kirana, Yayasan Kartika Jaya, Indonesia Science Center, Taman Pintar Yogyakarta, Pontianak Science and Linguistic Center, Sundial Science Center, PASCH schools, BKD schools, and other schools, institutions, as well as venue partners.





The Opening Ceremony & Press Talk

The Opening Ceremony & Press Talk was held on 15 October 2024 at the Ministry of Education, Culture, Research and Technology of the Republic of Indonesia.

The seven speakers were Constanze Michel (Regional Director of Goethe-Institut for Southeast Asia, Australia and New Zealand); H.E. Ina Lepel (Ambassador of the Federal Republic of Germany to Indonesia, Timor-Leste, and ASEAN); Nujul Kristanto (Head of the Film Appreciation and Literacy Working Team from Directorate of Film, Music and Media, the Minister of Education, Culture, Science and Technology); Prof. Dr. dr. Yuda Turana, Sp.S(K) (Rector of Atma Jaya Catholic University of Indonesia), Fatchiah E. Kertamuda, M.Sc., (Vice Rector of Paramadina University); Dr. Ifan Iskandar (Vice Rector for Academic Affairs UNJ); Ir. Ferry Fredy Karwur M.Sc., Ph.D. (Satya Wacana Christian University) and Dr. Bicky Bhangu (President of Rolls-Royce Southeast Asia, Pacific and South Korea). Moderated by Elizabeth Soegiharto, Science Film Festival Indonesia Manager, the discussion was about the necessity to raise awareness of Net Zero and Circular Economy, emphasizing the urgent need for actions beyond solely reducing global greenhouse gas emissions to address climate protection effectively.

After the Press Talk session, more than 350 guests joined the opening, which was hosted by Diky Syaputra Herjuno. Three films were screened at the opening ceremony: a German film called *Nine-and-a-half: Hydrogen - The Green Energy of the Future?* which takes a look at a 'hydrogen village' called Bosbüll in Schleswig-Holstein. After that, the screening continued with a Chilean film *Raffi*, which tells the story of little Ema's experience learning about sustainability in her family's farmhouse. The last film they saw was a German documentary titled *How Bicycle Tires and Inner Tubes are Made: The Path of a Schwalbe Tyre*, highlighting tyre production environments in Indonesia, Vietnam and Germany. After the screening, the team led experiment live on stage relating to the scientific topics addressed by the film. Children from the audience were then assisted by the volunteers and had great fun joining the experiment on stage.



Selection of Films

The Science Film Festival presents a variety of films in the following categories: **Family Edutainment, Non-Verbal & Science Shorts, Ecology & Environment, Natural Science, Life Science,** and **Technology**, to serve all age groups, but with a particular focus on content for a young audience.

In 2024, the Science Film Festival Worldwide presented

150
films

from

35
countries

in the official selection in 2024. A selection of 15 films from 8 countries was chosen by official Indonesian juries.

All film screenings were accompanied by science activities, experiments and quizzes developed by scientist **Ragil Dimas Pamungkas**.



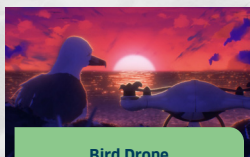
THIS YEAR'S FILMS



**Anna and the Wild Animals:
Operation Rhinoceros**



**Beyond Eureka World -
Sustainable Fashion**



Bird Drone



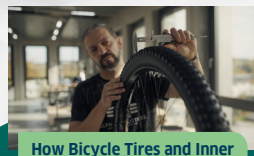
**Curious Tobi - The Cancer
Check**



Drops of Dew



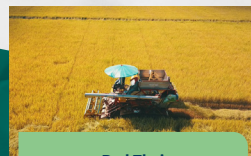
**House of Little Scientists -
Salt**



**How Bicycle Tires and Inner
Tubes are Made: The Path of
a Schwalbe Tyre**



**Nine-and-a-half: Hydrogen -
The Green Energy of the
Future?**



Pad Thai



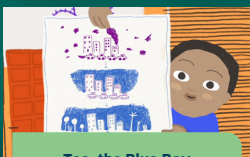
**Pia and Wild Nature - The
Sheep on the Green Roof**



Raffi



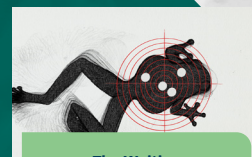
**Super Amazing Chilean
Animals - The Humboldt
Penguin**



Teo, the Blue Boy



**The Apple Core - Body
Language**



The Waiting



The Indonesian Juries



Elviza Diana

Journalist at Mongabay Indonesia

Based in the city of Jambi, Elviza Diana started her career as a writer in 2007 and since then has been reporting on indigenous groups, biodiversity, climate change, and resource management and its ecological, social, cultural, and political impacts. An award-winning journalist, Elviza's story on children protection attained an award as best journalistic report from AJI Jakarta and UNICEF. She also received a fellowship on reporting about indigenous communities, climate change, tenurial conflicts, diversity, renewable energy, environmental crimes, women, and environmental management as well as data journalism from national and Southeast Asia organizations. Currently, Elviza writes for Mongabay Indonesia. She is also learning photography and video documentary and has earned an award for best animal documentary broadcasted by German news service Deutsche Welle.

Better known as Lukman, this football fan is known to be an observant, detailed, and meticulous Program and Activity Analyst of Taman Pintar Yogyakarta which he has joined since its groundbreaking. A science center managed by Yogyakarta City Government, Taman Pintar Yogyakarta is located strategically at the city's kilometer zero at the end of Malioboro street. Currently, Taman Pintar Yogyakarta has 10 rides, 64 zones, and 1,470 units of interactive exhibits.

Taman Pintar Yogyakarta is also a long-standing partner of the Goethe-Institut Indonesien's Science Film Festival. Lukman believes that science and technology can be communicated in a fun, educational way such as through films in the Science Film Festival and be the driver of progress for Indonesia.



Lukman Yoga Suryawan

Program and Activity Analyst at Taman Pintar Yogyakarta



Muhammad Rivian Ramadhani

Student at Samarinda Public High School (SMAN) 10

An outstanding student at SMA Negeri 10 Samarinda, Muhammad Rivian Ramadhani is an active and passionate person. Aside from his academic performance, Rivian has developed a strong interest in films, and has taken the time to write and direct three short films that garnered public appreciation. A cinephile, Rivian has watched hundreds of films of various genres and from different countries. Driven by the same passion, he has been circulating his film reviews and opinions on his social media account.



A teacher since 2010, Okky Teguh Ariyanto has built extensive national and international network and has helped his students participate in various events, including competitions.

His network has enabled Okky to organize a Science Day with education influencers, social charity food bank with another influencer and kitabisa.com fundraising platform in Bogor, and his school's traditional performance at Galeri Indonesia Kaya. As a teacher, Okky has collaborated with the school's boardgame community to develop a game to be used in the classroom. More recently, Okky participated in an international student collaboration project and submitted the works of his students to the Student Rebuild social initiative under the Bezos Family Foundation. Motivating his students to compete, Okky mentored students who enrolled to the Pulitzer Centre's article writing competition and infographics competition held by the British Council. Okky has been a collaborator of the Science Film Festival since 2011 and is honoured to have the opportunity to serve as a jury in the Science Film Festival 2024.

**Okky Teguh Ariyanto**

Teacher at SMPK 4 PENABUR Jakarta

**Syazana Kirana Amal**

Student at SD Karakter Tapos,

Depok, Jawa Barat

Syazana Kinara Amal born in Jakarta, March 3rd 2014. Currently in 4th grade of Sekolah Karakter Tapos, Depok, West Java. After she introduced to music at the age of 3, Kin found her best interest in piano. In this critical era as well, she started communicating multi languages, English and Bahasa, and currently learning German. Growing up as an expressive and creative kid, she always finds outlet to channel her talents. Not only she is skilled in piano, Kin also proficient in drawing and writing short story. Her social character, makes her adapts effortlessly in every environment she's in. Full of enthusiasm in exploring new challenges, Kin is keen to be part of Science Film Festival. With hope this new challenge will become unforgettable moment and advantageous for her future

Yosefa Maria Ernestin Leyn, or Yora, is currently in grade 11 at Frateran Maumere Catholic High School with Mathematics and Natural Sciences as her choice of academic focus. Born in Lela, on May 3, 2008, she is currently residing in her childhood home in Nita, Maumere, Sikka Regency of East Nusa Tenggara Province with her parents and two siblings.

At school, Yora participates actively in both curricular and extracurricular activities. She is a member of the Deutsch Club—the school's student club for those interested to learn German beyond what they study in class—and participated in the schülercamp: SAMPASSADOR held by the Goethe-Institut in Yogyakarta, in July-August 2024. In the same year, Yora won first place in a song composition competition, FLSN, in Sikka and won second place in HARKOPNAS speech competition. To Yora, her achievements were the fruit of her dedication and support of the parents, teachers, and friends. By joining the young jury panel of the Science Film Festival, Yora hopes to present a selection of films for festival participants to enjoy.

**Yosefa Maria Ernestin Leyn**

Student, Frateran Maumere Catholic

High School



Science Experiment

An essential part of the Science Film Festival is curating activities that supplement the themes explored in the films, through hands-on experiments, projects or learning games offered for young audiences at the screenings. Festival partners from all participating countries exchange and adapt ideas for educational activities, supplementing the films at an international workshop and subsequent national workshops. The Science Film Festival offers an effective and enjoyable learning environment through this multidisciplinary approach.

In this year's edition, the Science Film Festival Indonesia prepared 6 simple science experiments with tools and materials that are easy to find at home. The Science Film Festival team has demonstrated a simple science experiment related to 15 films. The 6 Science Experiments are **Through the Membrane, The Cause of Global Warming, Launch on the Water, Floating Coins, Centripetal in the Glass, and Super Power Paper.**





Numbers of Visitors / Venues

In 2024, **125.135 participants** throughout Indonesia joined the Science Film Festival in hybrid formart. Beyond Jakarta, Bogor, Depok, Tangerang, Bekasi, Bandung, Banda Aceh, Aceh Besar, Ambon, Buru Island, Denpasar, Malang, Jayapura, Biak, Salatiga, Sidoarjo, Surabaya, Yogyakarta, Pontianak, Tomohon, Sumbawa and many cities in North Sumatera, the festival was hosted virtually by Goethe-Institut Indonesien in various venues in even more cities of Indonesia.

Island		Participants
1	Aceh	1,944
2	North Sumatera	18,605
3	West Sumatera	86
4	Riau	100
5	Lampung	72
6	Banten	3,737
7	DKI Jakarta	34,307
8	West Java	26,999
9	Central Java	8,534
10	DI Yogyakarta	10,543
11	East Java	4,364
12	Bali	820

Island		Participants
13	West Nusa Tenggara	1,564
14	East Nusa Tenggara	1,196
15	West Kalimantan	3,053
16	East Kalimantan	246
17	North Sulawesi	3,298
18	Central Sulawesi	32
19	South Sulawesi	3,575
20	Maluku	1,055
21	Timika	188
22	West Papua	270
23	Southwest Papua	250
24	Papua	297

Total Visitors:

125,135



Science Film Festival 2024 Team

In 2024, 26 students from Paramadina University, Atma Jaya Catholic University of Indonesia, and State University of Jakarta supported the festival and ensured with their contribution to the enormous success of the event.

The students from the universities were an essential part of the organizing team. They shared their expertise and ideas, and some of them developed their own design concepts for the opening ceremony and at different venues. They also helped to communicate the festival through social media platforms such as Instagram and Tiktok. The volunteers also worked together with all venue partners in each city. And finally, they worked as MCs during the screenings, led the experiments and guided the audience through the program.

Besides of traveling to offline cities, the Science Film Festival team take turns hosting the event and deliver science experiments at the Goethe-Institut office. Returning in 2025 better prepared and equipped with lessons learned from its edition last year, the 2024 Science Film Festival adopted the hybrid format. While some venue partners preferred offline screening, some others invited audiences on-site to watch films hosted remotely by the Science Film Festival team from the Goethe-Institute office via a video conference platform.

We would like to express our sincere gratitude and appreciation for their great work and the spirit they put into the 15th Science Film Festival in Indonesia. It would not have been possible without them.

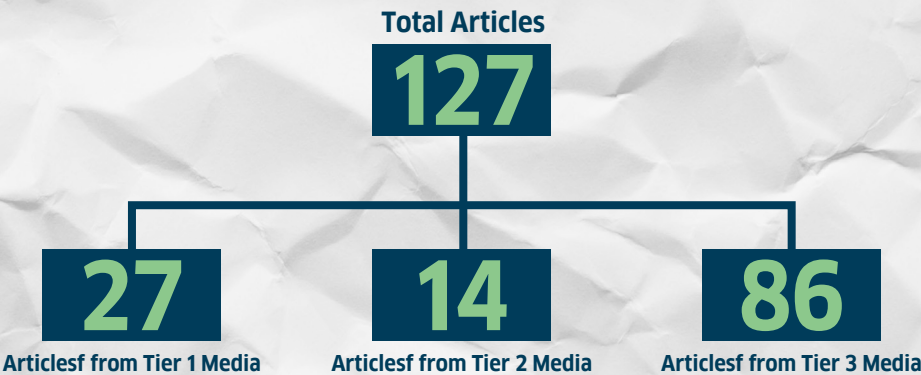




Press Response to the Science Film Festival

Indonesia 2024

The event exposure in terms of PR value is more than three billion rupiah in addition to interviews and news coverage of presently unquantifiable ratings.



Top Month

October with 99 Articles



Highlight of the press

"Acara ini mempromosikan literasi sains dan memfasilitasi kesadaran akan isu-isu ilmiah, teknologi, dan lingkungan kontemporer melalui film internasional dengan kegiatan pendidikan yang menyertainya."

Hypeabis.id, 15 October 2024

"Melihat perubahan iklim yang terjadi saat ini, Goethe-Institut ingin mengajak teman-teman untuk lebih memperhatikan kondisi bumi yang berkelanjutan. Salah satunya adalah ajakan untuk menggunakan kembali (reuse) barang-barang yang masih layak pakai atau mendaur ulang (recycle) barang itu."

Bobo, 15 October 2024

"Dalam upaya mendorong kesadaran akan pentingnya aksi lingkungan, Science Film Festival kembali hadir di Indonesia pada tahun ini. (...) Melalui film-film, penonton, khususnya generasi muda, diajak untuk menjelajahi berbagai fenomena alam, memahami teknologi terbaru, mengintip masa depan yang penuh dengan inovasi, serta tentu saja lebih peduli terhadap lingkungan."

National Geographic, 15 October 2024



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"Melalui pemutaran film, SFF berupaya memberikan pemahaman tentang tantangan akibat krisis iklim. Festival ini juga mendorong generasi muda Indonesia untuk menerapkan gaya hidup ramah lingkungan."

Greeners.co, 16 October 2024

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“

"Mengusung tema yang relevan dengan tantangan global saat ini, Science Film Festival 2024 menekankan pentingnya transisi menuju emisi nol bersih dan penerapan ekonomi sirkular. Hal ini selaras dengan urgensi perlindungan iklim yang tak hanya cukup dengan menurunkan emisi CO2, melainkan memerlukan perubahan besar dalam cara manusia memanfaatkan sumber daya alam."

Tempo.co, 17 October 2024

”

“

"Emisi Nol Bersih dan Ekonomi Sirkular jadi sorotan Science Film Festival 2024 di Surabaya, menginspirasi generasi muda lewat film dan eksperimen sains untuk menjaga bumi secara berkelanjutan. (...) Salah satu solusi yang kini digaungkan adalah penerapan Emisi Nol Bersih dan Ekonomi Sirkular sebagai strategi perlindungan lingkungan yang berkelanjutan."

SuratJatimPost.com, 26 November 2024

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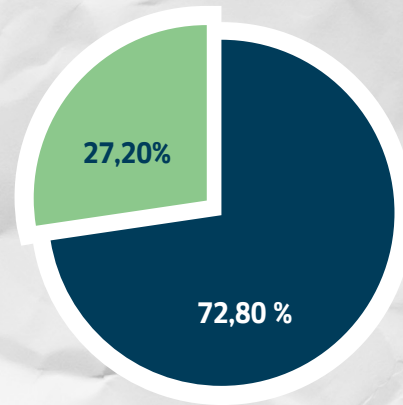


Evaluation

An extensive survey amongst around 10,000 festival participants was conducted in 2024. The survey included audiences and teachers from all venues in Indonesia and was evaluated by an unbiased party

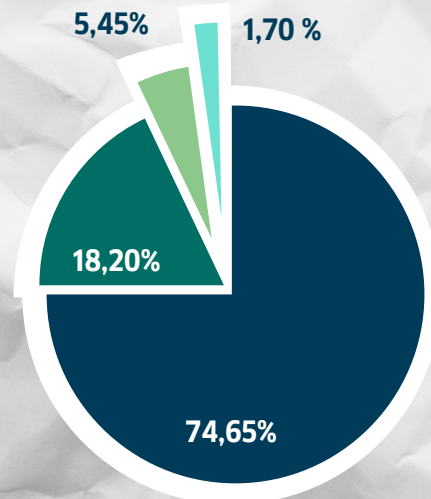
The following graph shows the gender distribution of the festival audience

- Female
- Male
- Prefer not to say



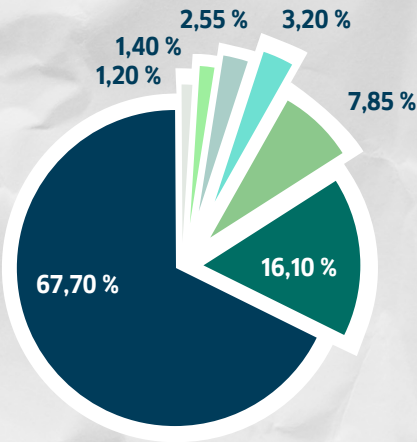
The following graph shows the academic level of the festival audience

- Elementary School/Primary School
- Middle School/Lower Secondary
- High School/Upper School
- University

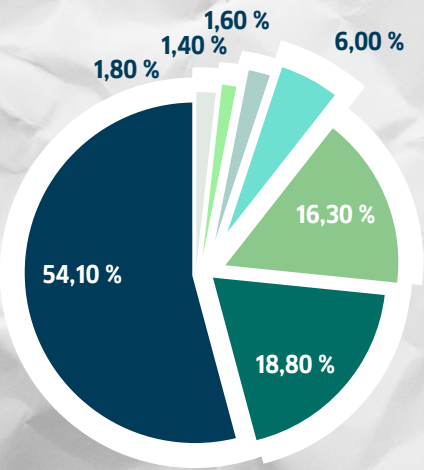




The following graph shows the percentages of the audience that liked the films in the festival



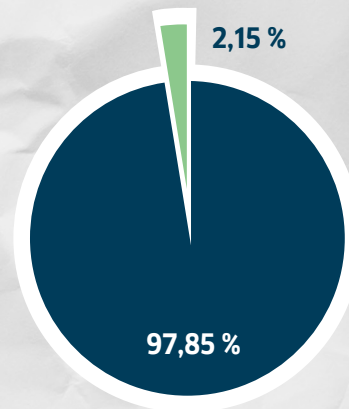
The following graph shows the percentages of the festival audience that liked the venue activities





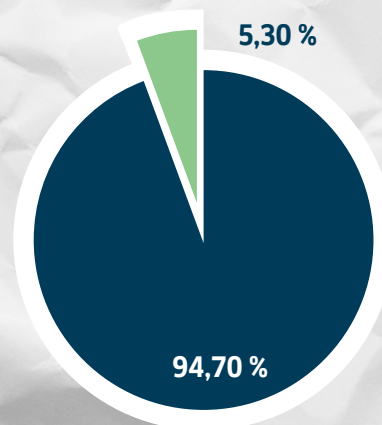
The following graph shows whether the audience felt the activities accompanying the screening were helpful in understanding the subject better

■ Yes
■ No



The following graph shows the percentages of the festival audience that liked the venue activities

■ Yes
■ No

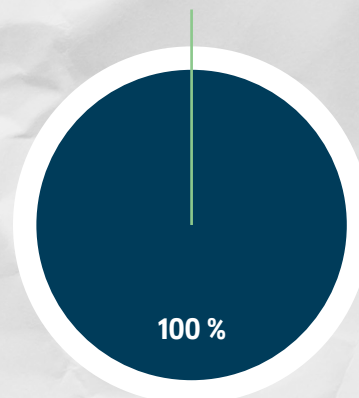




The following graph shows how many children want the festival to come back in 2025

■ Yes

■ No



The Science Film Festival would not be possible without the tremendous support and contributions from the partners, filmmakers, producers, distributors, broadcasters, venues and sponsors. **The festival and its organizers are deeply grateful for this enthusiastic cooperation, and we are very much looking forward to having you all on board for the 16th Science Film Festival in Indonesia in 2025!**



FESTIVAL TEAM



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 Science Film Festival Indonesia

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 www.sciencefilmfestival.org