



The ANF ExCo Meeting 2025

Friday 31 December 2025
Tokyo Big Sight, Odaiba, Japan
10:30 – 12:00 hrs (JST)

Agenda for the ANF ExCo Meeting 2025

1. Welcoming Remarks (*ANF President*)
2. Adoption and Action Items of Minutes of 21st ANFoS Meeting 2024 (Bangi, Selangor, Malaysia) (*ANF Secretary*)
3. ANF Financial Status (*ANF Secretary*)
4. ANF Membership (*ANF Secretary*)
5. Initiatives Update from ANF ExCo Members (*ANF Vice Presidents*)
6. Other Matters

1. Welcoming Remarks

2. Adoption and Action Items of the Minutes of the 21st ANFoS Meeting 2024 (Bangi, Selangor)

Reported by ANF Secretary

2.1 Adoption of Minutes of ANF Annual General Meeting 2024

(Reported by ANF Secretariat) (Annex A)

**ANF Secretariat
has circulated the
Minutes of the AGM
On 10 Oct 2024,
Bangi Resort,
Malaysia to
ANF members on 24
Jan 2025.**

Minutes of the ANF Annual General Meeting 2024

OFFICE BEARERS

(by designation and alphabetical order of name)

President

Rezal Khairi AHMAD (NanoMalaysia, Malaysia)

Vice Presidents

Jun'ichi SONE (JST, Japan)

Annabelle V. BRIONES (ITDI, Philippines)

Treasurer

Changhwan CHOI (KoNTRS, Korea)

Secretaries

Pavadee AUNGKAVATTANA (NXPO, Thailand)

Raja Riznal RAJA ABIDIN (NanoMalaysia, Malaysia)

Date

Thursday, 10th October 2024

Time

4:00 pm – 5:30 pm (Malaysia,

Venue

GMT+8:00)

Melati Room, Bangi Resort Hotel, Malaysia and Hybrid meeting via Zoom

Chair

Rezal Khairi AHMAD, President
Raja Riznal Bin RAJA ABIDIN, Secretary

Prepared by

All members present

Vetted by

Rezal Khairi AHMAD

Approved by

3. ANF Financial Status

Reported by ANF Secretary

3.1 Financial Statement of Y2024-2025

Report from Last Office Bearer Meeting on 7 Oct 2024



Account Statement Summary

Account Number	Account Name	Product Type	Business Date	Currency	Opening Balance	Ledger Balance	Available Balance
0003004243013022	ASIA NANO FORUM	FOREIGN CCY CURRENT ACCOUNT	07-Oct-2024	USD	52,011.98	52,011.98	52,011.98
0039068840	ASIA NANO FORUM	SGD CURRENT ACCOUNT	07-Oct-2024	SGD	41,272.57	41,272.57	41,272.57

****END OF REPORT****

Deposit Insurance Scheme

Until 31 March 2024, Singapore dollar deposits of non-bank depositors and monies and deposits denominated in Singapore dollars under the Supplementary Retirement Scheme are insured by the Singapore Deposit Insurance Corporation, for up to S\$75,000 in aggregate per depositor per Scheme member by law. From 01 Apr 2024, the maximum deposit insurance coverage under SDIC will increase to S\$100,000. Foreign currency deposits, dual currency investments, structured deposits and other investment products are not insured.

Current Statement on 26 Jan 2025



Account Statement Summary

Account Number	Account Name	Product Type	Business Date	Currency	Opening Balance	Ledger Balance	Available Balance
0003004243013022	ASIA NANO FORUM	FOREIGN CCY CURRENT ACCOUNT	26-Jan-2025	USD	46,687.01	46,687.01	46,687.01
0039068840	ASIA NANO FORUM	SGD CURRENT ACCOUNT	27-Jan-2025	SGD	40,444.57	40,444.57	40,444.57

END OF REPORT

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	Deposits	USD	SGD
June 2024		47,058.04	41,272.57
July 2024		47,058.04	41,272.57
Aug 2024	MOSTI USD 1,481	48,539.04	41,272.57
Sep 2024	NANOTEC, TH USD 1,488 KonTRS USD 1,488	51,499.69	41,272.57
Oct 2024	DOST, ITDI USD 520	52,011.98	41,272.57

Note: Each deposit has occurred the bank fee approx. USD 7.71



	Deposits	Withdrawn	USD	SGD
Oct 2024	BMK Ener Austria USD 1450.50		53,454.86	41,272.57
Oct 2024	Institute of Physics USD 1,484		54,931.36	41,272.57
Nov 2024	KAIA PTE Ltd. (for Website)	(SDG 828.00)		40,444.57

**Balance of ANF SGD Account SGD 40,444.57
(same as of 26 Jan 2025)**

Note: Each deposit has occurred the bank fee approx.USD 7.71

ANF USD Accounts Transaction (Jan 2025)



Account Details

Account Number :	0003004243013022 - USD	Account Name :	ASIA NANO FORUM - 0003004243013022 - USD
Product Type :	FOREIGN CCY CURRENT ACCOUNT		
Opening Balance :	54,931.36 01-Dec-2024	Earmark Amount :	0.00
Ledger Balance :	46,687.01 26-Jan-2025	Overdraft Limit :	0.00
Available Balance :	46,687.01 26-Jan-2025		

Date	Value Date	Transaction Details	Debit	Credit	Running Balance
10-Jan-2025	10-Jan-2025	WITHDRAWAL 000000 ANF PV2025-01 0016OT1218718 JTB COMMUNICATION DESIGN, INC JPY 836000 at USD155.588573 UETR Ref:60d65a9e-5ea1-4b41-b393-0c1455199098	5,373.15		49,558.21
10-Jan-2025	10-Jan-2025	WITHDRAWAL 000000 ANF PV2025-01 0016OT1218718 JTB COMMUNICATION DESIGN, INC JPY 836000 at USD155.588573 UETR Ref:60d65a9e-5ea1-4b41-b393-0c1455199098	21.75		49,536.46



ANF USD Accounts Transaction (Jan 2025)

10-Jan-2025	10-Jan-2025	WITHDRAWAL 000000 ANF PV2025-01 0016OT1218718 JTB COMMUNICATION DESIGN, INC JPY 836000 at USD155.588573 UETR Ref:60d65a9e-5ea1-4b41-b393-0c1455199098	15.87	49,520.59
13-Jan-2025	13-Jan-2025	DEPOSIT 2025011300521657 0016IT9848322 INSTITUTE OF TROPICAL USD 520 UETR Ref:6294e6f6-6d06-49b0-bb26-02103f13bbe8	520.00	50,040.59
17-Jan-2025	17-Jan-2025	WITHDRAWAL 000000 ANF2025-02 Rent 0016OT1583577 SHOEI BIJUTSU CO., LTD JPY 374000 at USD152.693095 UETR Ref:12465c2e-a5fe-463e-99d7-b3b8336da099	2,449.36	47,591.23
17-Jan-2025	17-Jan-2025	WITHDRAWAL 000000 ANF2025-02 Rent 0016OT1583577 SHOEI BIJUTSU CO., LTD JPY 374000 at USD152.693095 UETR Ref:12465c2e-a5fe-463e-99d7-b3b8336da099	21.72	47,569.51
17-Jan-2025	17-Jan-2025	WITHDRAWAL 000000 ANF2025-02 Rent 0016OT1583577 SHOEI BIJUTSU CO., LTD JPY 374000 at USD152.693095 UETR Ref:12465c2e-a5fe-463e-99d7-b3b8336da099	16.16	47,553.35
17-Jan-2025	17-Jan-2025	WITHDRAWAL 000000 ANF2025-03 LCD M 0016OT1583576 HIBINO MEDIA TECHNICAL CORPORATION JPY 126500 at USD152.693095 UETR Ref:968f46d3-5307-4728-b8b3-6fa66bb0c23f	828.46	46,724.89

ANF USD Accounts Transaction (Jan 2025)



Account Details

Date	Value Date	Transaction Details	Debit	Credit	Running Balance
17-Jan-2025	17-Jan-2025	WITHDRAWAL 000000 ANF2025-03 LCD M 0016OT1583576 HIBINO MEDIA TECHNICAL CORPORATION JPY 126500 at USD152.693095 UETR Ref:968f46d3-5307-4728-b8b3- 6fa66bb0c23f	21.72		46,703.17
17-Jan-2025	17-Jan-2025	WITHDRAWAL 000000 ANF2025-03 LCD M 0016OT1583576 HIBINO MEDIA TECHNICAL CORPORATION JPY 126500 at USD152.693095 UETR Ref:968f46d3-5307-4728-b8b3- 6fa66bb0c23f	16.16		46,687.01

Total Debit Count :

9 Total Debit Amount :

8,764.35

Total Credit Count :

1 Total Credit Amount :

520.00

Transactions performed on a non-working day will be posted on the next working day.

If date requested is a non business day, please select the next business day to view your transaction(s).

END OF REPORT

**Balance of ANF USD Account USD 46,687.01
(same as of 26 Jan 2025)**

Summary: Current Statement as of 26 Jan 2025



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3.2 Status of 2024 Membership Fees Payment *(as of 31 Dec 2024)*

No	Invoice Number	Member	Amount	Remark
1	ANF/INV-2024/01-001	Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK)	USD1450	PAID
2	ANF/INV-2024/01-002	National Institute of Technology Srinagar (NIT)	SGD 700	UNPAID
3	ANF/INV-2024/01-003	The Energy and Resources Institute (TERI)	SGD 700	UNPAID
4	ANF/INV-2024/01-004	Iran Nanotechnology Initiative Council (INIC)	SGD 2000	On Hold
5	ANF/INV-2024/01-005	National Institute of Advanced Industrial Science and Technology (AIST)	SGD 2000	UNPAID
6	ANF/INV-2024/01-006	Japan Science & Technology Agency (JST)	SGD 2000	UNPAID
7	ANF/INV-2024/01-007	National Institute for Materials Sciences (NIMS)	SGD 2000	UNPAID
8	ANF/INV-2024/01-008	Korea Nanotechnology Research Society (KoNTRS)	USD 1488	PAID
9	ANF/INV-2024/01-009	NanoMalaysia Berhad (NMB)	USD 1451	PAID
10	ANF/INV-2024/01-010	Industrial Technology Development Institute (ITDI)	USD 520	PAID
11	ANF/INV-2024/01-011	Institute of Physics, Academia Sinica	USD 1484	PAID
12	ANF/INV-2024/01-012	National Nanotechnology Center (NANOTEC)	USD 1488	PAID
13	ANF/INV-2024/01-013	Vietnamese Academy of Science and Technology (VAST)	SGD 700	UNPAID
14	ANF/INV-2024/01-014	National Nanotechnology Centre (NNC)	USD 1481	PAID

4. ANF Membership

Reported by ANF Secretary

4.1 ANF Membership Current Status

10 Institutions/9 Economies

BMK / Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology, AUSTRIA

JST / Japan Science and Technology Agency, JAPAN

KoNTRS / Korea Nano Technology Research Society, KOREA

NanoMalaysia Berhad, MALAYSIA

NNC / National Nanotechnology Centre, MOSTI, MALAYSIA

ITDI / Industrial Technology Development Institute, DOST, PHILIPPINES

Academia Sinica, TAIWAN

NANOTEC / National Nanotechnology Center, THAILAND

VAST / Vietnam Academy of Science and Technology, VIETNAM (Renewed 2025)

NIG / Nanotech Indonesia Global, INDONESIA (From 2025)

NIT / National Institute of Technology Srinagar, INDIA

TERI / The Energy and Resources Institute, INDIA

INIC / Iran Nanotechnology Initiative Council, IRAN

AIST / National Institute of Advanced Industrial Science and Technology, JAPAN

NIMS / National Institute for Materials Science, JAPAN

4.2 ANF Membership Drive Status

No	Economy	Action/Strategy	Target	Status/Progress
1	Singapore	- To find out organisation suitable - Direct Approach	Dec 2024	Contacted IMRE, no response to date
2	Turkiye	- To invite SUNUM and TUBITAK - Direct Approach & G2G	Dec 2024	Contacted SUNUM and TUBITAK and arranging online meeting
3	Vietnam	- To find out organisation suitable - To re-engage previous member	Jun 2025	VAST have rejoined and made payment for 2025
4	India	- To find out organisation suitable - To re-engage previous member - Direct Approach & G2G	Jun 2025	To re-engage NIT & TERI
5	Australia	- To find out organisation suitable - To re-engage previous member - Direct Approach & G2G	Jun 2025	- Met with CSIRO in Melbourne in June - Discussing with CSIRO for suitable institution as member
6	Cambodia	- To find out organisation suitable - Direct or through Embassy - To lobby through BA	Jun 2025	- ANF to check with Cambodian Embassy on recommended organisation - ANF to send invitation email and organise an online meeting with suitable organisation
7	Canada	To contact directly with possible members	Jun 2025	- Dr Pavadee recommending to contact Dr Sushanta Mitra from Waterloo Institute of Nanotechnology - Dr Annabelle also spoke with Waterloo during Nano Tech 2025

5. Initiatives Update

Reported by ANF Vice President

4.4.1 New Initiatives under ANF

Inter-Economy Joint R&D Programme

Funding Options:

- Own or Parallel
- ANF
- other funding Institutions (ASEAN-COSTI, EU Green Horizon)

Minimum number of participating countries: 2

Type of R&D: Mission Oriented Research – For higher potential of transfer to market

R&D areas:

- Green Hydrogen Technology from Biomass (agricultural wastes, bagasse, rice hull, corn cobs/stalk); water splitting; solid sodium borohydride; ammonia
- Applied Graphene; Graphitized carbon for platinum loading as electrode material
- Next-Generation nanomaterials (MXene);
- Functional and Self-assembling nanomaterials;
- Quantum Dots from Biomass for Nano Sensor, Agriculture for plant growth

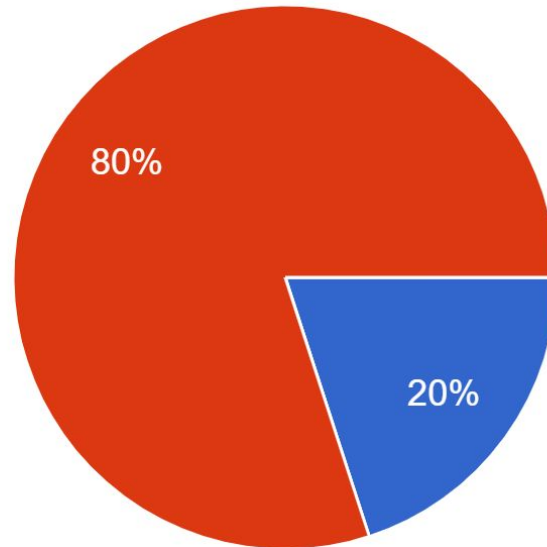
Duration: Maximum of 2 years

Approval: Bilateral or Multilateral discussions between willing partners followed by a presentation at the ExCo Meeting.

Survey Questionnaire Results

What are your top 3 preferred topics?

5 responses



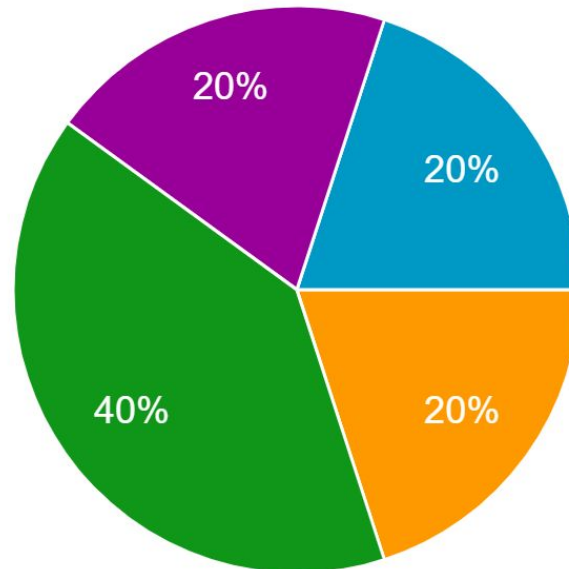
- Nanotechnology Policy and Technology Development Monitoring Program
- Nano Based Hydrogen Technologies
- Bio-Nanocellulose Technology Development

Inter-Economy Joint R&D Programme

Survey Questionnaire Results

Funding Source

5 responses



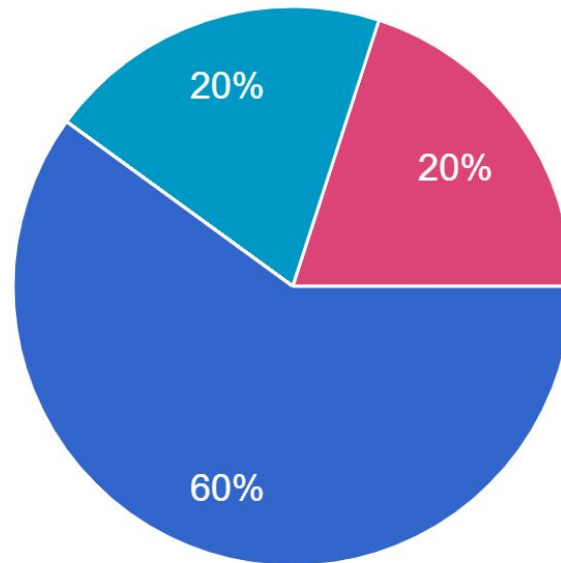
- ANF
- Own Institute
- Shared
- Other Funding Institution
- All of the above
- depending upon the content of the workshop and the number of participating countries

Inter-Economy Joint R&D Programme

Survey Questionnaire Results

How much will ANF sponsor?

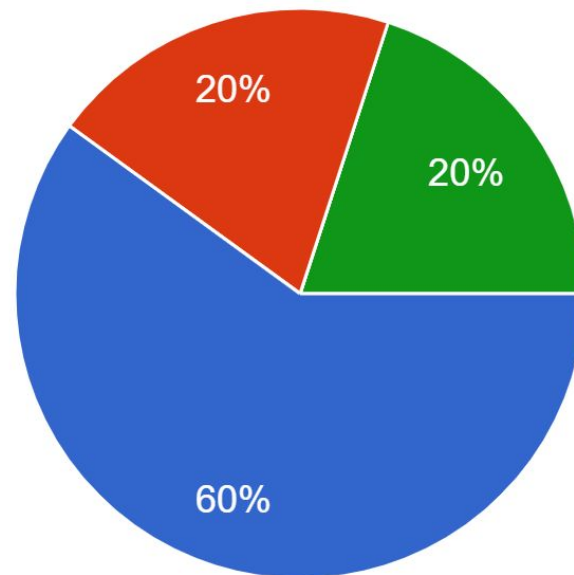
5 responses



- 5000 SGD
- 12,000 SGD
- 15,000 SGD
- 20,000 SGD
- 25,000 SGD
- depending upon the content of the workshop and the number of participating countries
- SGD 3,500 or equivalent to USD 2,500

Survey Questionnaire Results

Project Duration
5 responses



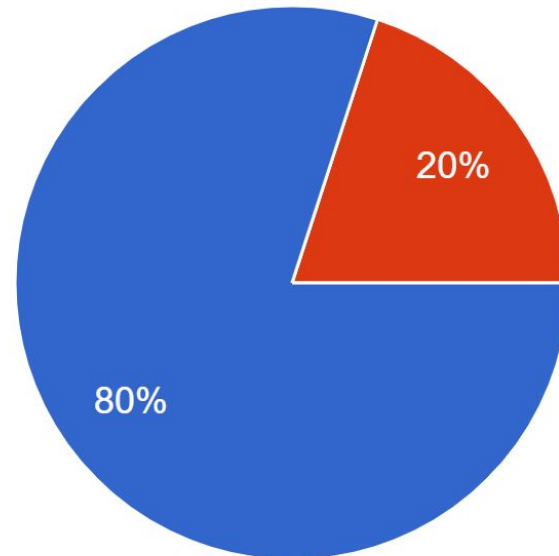
- 1 year
- 2 years
- max of 3 years
- depending upon the content of the workshop and the number of participating countries

Inter-Economy Joint R&D Programme

Survey Questionnaire Results

Proposal Approval

5 responses



- Based on the top 3 priority Research Areas with Endorsement by Institution Heads per participating member economy with presentation at the ExCo Meeting
- depending upon the content of the workshop and the number of participating countries

Summary

Identified R&D Areas:

1. Nano-Based Hydrogen Technologies
2. Nanotechnology Policy and Technology Development Monitoring Program
3. Bio-Nanocellulose Technology Development

Funding Source:

1. Other Funding Institution
2. Shared
3. Depending upon the content of the workshop and the number of participating countries
4. All of the above

Summary

How much will ANF sponsor?

1. 5000 SGD
2. SGD 3,500 or equivalent to USD 2,500
3. Depending upon the content of the project and the number of participating countries

Project Duration

1. 1 year
2. 2 years
3. Depending upon the content of the workshop and the number of participating countries

Summary

Proposal Approval

1. Based on the top 3 priority Research Areas with Endorsement by Institution Heads per participating member economy with a presentation at the ExCo Meeting
2. Depending upon the content of the workshop and the number of participating countries

Minimum number of participating countries: 2

Maximum number of proposals approved for ANF Funding per year: 2

Important consideration of the Joint R&D: Mission Oriented Research – For a higher potential of transfer to market or commercialization

Questions	
1. If the funding is non-ANF, should this require ExCo Member evaluation and approval?	Just inform ExCo
2. If non-ANF Funding, should there be regular monitoring or reporting during the ExCo meeting?	X
2. If ANF Funding, is there a proposal template for ANF funding?	Need proposal template
3. If ANF Funding, would this require a Memorandum of Agreement between participating member economies with ANF ExCo to release funds?	Yes
4. If ANF Funding, is there a project quarterly evaluation and monitoring by ExCo?	Yes
5. Is there a guideline for funds liquidation? Quarterly or Semestral	Yes

Suggestions/Recommendations	
1. ANF Funding should be used as a seed/trigger money in consideration with its limited amount and look for support from other funding sources	
2. 1-year program is suitable, but it will depend on the amount of funding and R&D goals.	

Target Date:

1. Call of Proposal:

2. Evaluation Period:

3. Approval of the Project:

4. Implementation of the Project

7. Other Matters

ANF Financial Support Guidelines

- 1) ANF members who pay for ANF membership fee are eligibility to apply for ANF support to host/attend activities/meetings to represent/promote ANF *i.e. Joint Research Programmes, Student Thesis Support, Young Researchers Exchange, Travel Grant for Members to attend ANF Summit, Exco Meetings, International Meetings tied to WG activities.*
- 2) Each ANF Working Group will be eligible to propose activities related to their Working Groups for ANF Financial Support (not more than USD 2,500/Year/WG)
- 3) Each ANF member will be eligible to propose for ANF Partial Financial Support to host the activities/meeting to promote collaboration among ANF members (not more than 50% of their membership fees/year)
- 4) ANF financial support for ANF activities could be:
a) Roundtrip Economy Ticket b) Accommodation c) Meeting Venue & Facility
- 5) Working Group Coordinators or ANF members who plan to propose for ANF Financial Support have to submit proposal to the ANF Office Bearers at least 1-month prior the event.
- 6) ANF will reimburse Working Group or ANF members with ANF Financial Support based on actual costs which evidence include:
a) Receipts b) Flight Economy Tickets c) Proposal for ANF Financial Support

Funding Support Approval Process for ANF activities

4

- Upon Fulfilment, ANF Secretariat will forward to relevant Approval Authority for decision. Else, the proposal will be returned to applicant for amendments or refinement
- ANF Office Bearers for Consideration and Approval

↑

3

ANF Secretariat will conduct check-list screening (administrative process)

↑

2

A proposal containing the following must be submitted to ANF Secretariat

- Title, Scope, Goals & Objectives
- Planned Activities, Expected Outcomes
- Budget, Timeline

↑

1

Working Group or Subcommittee will escalate funding request based on the following criteria

- New activities, programs, tasks or assignments relevant to the core business of working groups or sub-committee
- Pre-planned activities, programs, tasks or assignments relevant to the core business of working groups or sub-committee
- Incidental Strategic Directive(s) issued by ExCo

Thank you