



**TECHNOLOGY  
DEVELOPMENT FUND**

# **TECHNOLOGY DEVELOPMENT FUND (TDF) SCHEME**

*TDF - A step towards Atmanirbhar- Bharat In Defense R & D*



**DTDF aids in providing opportunities for Start-ups and MSMEs**



# TECHNOLOGY DEVELOPMENT FUND SCHEME: OVERVIEW



## DRDO

Monitoring and funding support & extend its test ranges, evaluation & test facilities

## Tri Services

Identification of potential projects based on requirements from Tri-Services, DDP, DRDO labs etc.

## Industry

Joint R&D efforts, Upskilling manpower resource, technology / prototype / product development



## Academia

Support in basic R&D in deep tech areas enabling faculty & researchers to participate in multi institute research along with industry and DRDO.

## Technical/Domain Experts

Mentoring role for industry partners & facilitate in testing & evaluation



# TDF SCHEME: KEY INSIGHTS



## Funding

Funding up to 50 Cr to the industry (esp. MSMEs and Startups)

## Eligibility

The industry must be owned and controlled by a Resident Indian citizen with minimum 51% ownership.

## R & D Collaboration

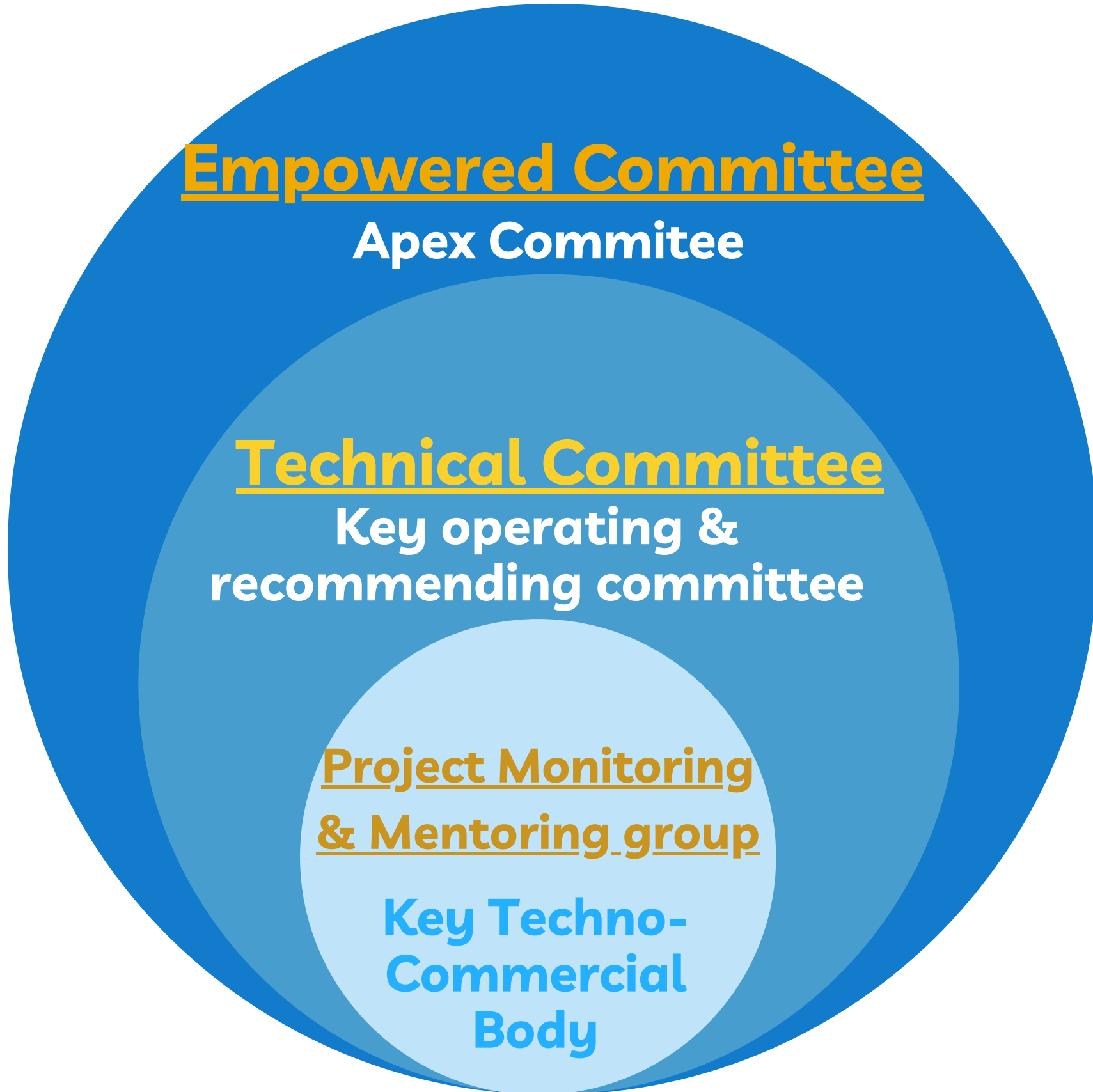
Allows collaboration with academia and research institutions.

## Duration

Maximum development period is set to 4 years.



# COMMITTEE STRUCTURE - TDF



**Chairman / Secretary DDR&D**  
 Vice Chiefs SHQs, CISC,  
 Add FA R&D-DRO, Secretary DDP, Addl Secretary MSME,  
 DG(TM) DRDO- Member Secretary,  
 Director- TDF-DRDO

**Chairman-Director General (TM)**  
 Rep. SHQrs, Rep. IDS,  
 Rep. DDP, IFA R&D, Rep Industry Association (2Nos) DRDO Exp, Rep. External Agency,  
 Dir- TDF-DRDO- Member Sec.

**PMMG Reps**  
 SHQs, HQ-IDS, DRDO, DDP, DGQA, Advisor-Cost, AFA/ IFA and other experts as required



# EMPANELLMENT OF EXTERNAL TECHNICAL EXPERT FOR TDF PROJECTS



- Think tanks/ Academic Institutions such as MP-IDSA, USI, CAPS, CLAWS, VIF/ IITs/IISc/IITs/ NITs/ Pvt Institutes etc.
- Industry Associations such as FICCI, CII, SIDM, ASSOCHAM, ELCINA etc.
- IDST & other similar societies of Armed Forces and Scientific Communities
- Through an open call on DRDO Website/ TDF Website/ DRDO Lab and other outreach medium
- Expert database available with DRDO/BARC/ISRO and PSUs/ leading industry houses.

# INNOVATION CONTEST BY DRDO



# DARE TO DREAM

Giving wings to innovation in Defence & Aerospace

*"If you want to shine like a sun, first burn like a sun." - Dr. A. P. J. Abdul Kalam*

## Eligibility

**Individual Innovators:** Should be an Indian citizen above 18 years of age (can also register as a team)

**Start-ups:** Recognized by DPIIT and with Indian Founders.

**Micro & Small Enterprises (MSEs):** Registered with Ministry of MSME & with Latest UDYAM Registration Certificate.

## Prizes for Dare to Dream 5.0

**1st Prize**

\* Rs 6 Lakh  
# Rs 12 Lakh

**2nd Prize**

\* Rs 5 Lakh  
# Rs 10 Lakh

**3rd Prize**

\* Rs 4 Lakh  
# Rs 8 Lakh

\*Individual

#Start-ups & MSEs



# DARE TO DREAM INNOVATION CONTEST



## Winners of Dare to Dream Innovation Contest

## Felicitation of Dare to Dream 4.0 Winners on 18<sup>th</sup> Oct 24

Pan India Innovation Contest	Individuals	Startups
Dare to Dream 1.0	14	6
Dare to Dream 2.0	22	18
Dare to Dream 3.0	16	10
Dare to Dream 4.0	18	13
<b>Total Winner</b>	<b>70</b>	<b>47</b>

**Total Price Money Awarded = Rs 5.43 Cr**

**# Phase II Funding under TDF - 10 Startups**



**SATELLITE LASER COMMUNICATION TERMINAL (START-UP CATEGORY)**



**LAUNCH OF DARE TO DREAM 5.0**



**COLLABORATIVE DUAL ARM MANIPULATION FOR ROBOTS (INDIVIDUAL CATEGORY)**



**GREEN PROPULSION SYSTEM (SUCCESSFUL TECHNOLOGIES)**



# SPECTRUM OF INDUSTRY PARTNERS FOR TDF PROJECT






# DEEP-TECH PROJECTS



- **Keeping in view the budget announcement of GOI, development of deep tech technologies in the area of defence and aerospace needs to be undertaken and DRDO has been entrusted with the responsibility.**
- **Under the aegis of DRDO, TDF has been given the responsibility to take up the deep tech projects.**
- **A fresh budget of Rs. 500 Cr has been approved by Hon'ble RM to take up deep tech and cutting edge technologies under TDF.**
- **08 new deep tech projects have been launched by Hon'ble RM during TDF workshop Twaral in October 2024.**
- **Along with this deep tech Projects, 20 more projects will be published soon.**

# SOCIAL MEDIA



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# THANK YOU

**LET US REALIZE THE DREAM OF  
A SELF-RELIANT DEFENCE  
ECOSYSTEM UNDER  
“MAKE IN INDIA INITIATIVE”**

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# SCOPE OF TDF PROJECTS

