MCMC

DSRG
DIGITAL SOCIETY RESEARCH GRANT

DIGITAL SOCIETY RESEARCH GRANT | 2021 CYCLE 2

INFO SESSION

17 AUGUST 2021, TUESDAY
2:30 PM – 3:30 PM

CONTENTS

1. MCMC at a Glance
2. Research Focus Areas & Titles
3. About the DSRG
4. Submission Requirements
5. Criteria for Evaluation & Selection
6. Question & Answer Session

MCMC AT A GLANCE (1/2)

1. Developing the communications & multimedia industry
2. Regulating the communications & multimedia industry

- Established and governed by the **Malaysian Communications and Multimedia Commission Act 1998 (Act 589)**
- Effective from 1 November 1998

Multi-Sectoral Regulator

- 1998: Telecommunications Act 1950 and Broadcasting Act 1988 abolished. **Communications and Multimedia Act 1998 (Act 588)** → communications and broadcast
- **Digital Signature Act 1997 (Act 562)** → certifications authorities
- **Strategic Trade Act 2010 (Act 708)** → exports of strategic products
- **Postal Services Act 2012 (Act 741)** → postal and courier companies (USO and non-USO)

Wide ranging roles

Industry Self Governance Industry Forums under the CMA '98

MCMC AT A GLANCE (2/2)

"CONNECTIVITY FOR ALL" THROUGH
ENHANCED COVERAGE AND QUALITY OF EXPERIENCE

JENDELA Key Metrics by 2025

- 9 million premises passed
- 100Mbps speed by adopting 5G
- 100% 4G coverage in populated areas

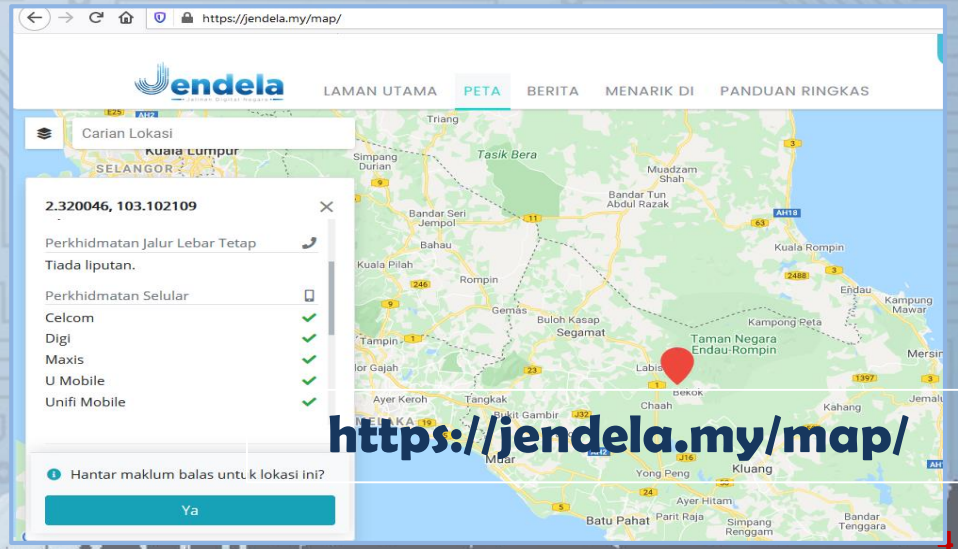
Achievements As at 30 June 2021	Baseline	
	4.957 million premises passed	6.049 million premises passed
	25 Mbps Mobile Broadband Speed	26.03 Mbps Mobile Broadband Speed
	91.8% 4G Coverage	93.77% 4G Coverage

CUSTOMER MIGRATION

862,601
No of 3G customers migrated
Q2 target: 931,160 customers

NETWORK MIGRATION

39,251
No of 3G carriers switched off
Q2 target: 34,600 3G carriers



2021 RESEARCH FOCUS AREAS & RESEARCH TITLES (CYCLE 1)

FOCUS AREA 1: DIGITAL CITIZENSHIP & CYBERWELLNESS

Research Title
DCC-1 User Rights and Protection for Subscribers of Telecommunications Services through the Provision of an Automatic Compensation Framework
DCC-2 Understanding the Behavioural Aspects of Cyberbullying and Interventions for Victims, Perpetrators, Parents and Stakeholders
DCC-3 Impact and Efficacy of Mandated Public Service Announcements
DCC– 4 Understanding the Co-relationship between Internet and Mental Health
DCC – 5 The Level of Preparedness of Organizations and Employees on Network Security for Remote Office Environments
DCC – 6 Challenges of Emerging Big Data Applications: Privacy vs Security
DCC – 7 Managing Privacy in an Artificial Intelligence (AI) Enabled World
DCC – 8 Communications and Multimedia (C&M) Industry Compliance Competency Gap Analysis

FOCUS AREA 2: DIGITAL INCLUSION

Research Title
DI-1 Free-To-Air Television (myFreeview) Viewership in Sabah and Sarawak
DI -2 Study on Malaysia's Ecosystem Compatibility and Envisaged Technologies for 5G by Regulation and Standardization Bodies
DI-3 Study on Sectoral Policy Readiness to Catalyse 5G Adoption in Malaysia
DI-4 Internet Access and Accessibility: Challenges and Potential Interventions in Adopting the New Norms
DI-5 An Impact Study of Pusat Internet Komuniti (PIK) and their Role in the Digital Inclusion of Community within the Pusat Perumahan Rakyat (PPR) Residences
DI-6 An Impact Study of Klik Dengan Bijak (KDB)
DI-7 An Impact Study of Malaysian ICT Volunteers Programme (MIV)
DI-8 Mapping and Tracking of Malaysia's National Digital Policies and Plans vis-a-vis the ASEAN Digital Masterplan 2025

2021 DSRG Research Projects Award Summary (Cycle 1)

No.	Title	Focus Area	IHL
1	Recommendations for the creation of a governance framework for the protection of personal data used in the development of AI systems	**DCC-6**: Challenges of Emerging Big Data Applications: Privacy vs Security	HELP University College
2	Mapping and Tracking of Malaysia's National Digital Policies and Plans vis-à-vis the ASEAN Digital Masterplan 2025	**DI-8: Mapping and Tracking of Malaysia's National Digital Policies and Plans vis-a-vis the ASEAN Digital Masterplan 2025	Universiti Tenaga Nasional
3	Free-to-air channel: Uses and Gratifications of Users in Sabah	**DI-1**: Free-To-Air Television (myFreeview) Viewership in Sabah and Sarawak	MMU Multimedia University
4	Understanding the Perception and Engagement of Malaysian Public on COVID-19 related Public Service Announcements (PSAs) during the MCO period	**DCC-3**: Impact and Efficacy of Mandated Public Service Announcements	Universiti Teknologi MARA
5	Strengthening Information Security Management, Human Capital Capabilities and Technology Enhancement Towards Business Excellent: New Strategy for Post-COVID 19 Era	**DCC-5**: The Level of Preparedness of Organizations and Employees on Network Security for Remote Office Environments	Universiti Teknologi MARA
6	Psychological Flexibility and Digital Literacy in the New COVID-19 Normal	**DCC– 4**: Understanding the Co-relationship between Internet and Mental Health	Universiti Sains Malaysia
7	Security and Privacy Challenges of Big Data Adoption: A Case Study in the Telecommunications Industry	**DCC–6**: Challenges of Emerging Big Data Applications: Privacy vs Security	UTeM Universiti Teknikal Malaysia Melaka
8	An Impact Study of Malaysian ICT Volunteers (MIV) Programme	**DI-7**: An Impact Study of Malaysian ICT Volunteers Programme (MIV)	UUM Universiti Utara Malaysia
9	An Impact Study of Pusat Internet Komuniti (PIK) and their Role in the Digital Inclusion of Community within the Pusat Perumahan Rakyat (PPR) Residences	**DI-5**: An Impact Study of Pusat Internet Komuniti (PIK) and their Role in the Digital Inclusion of Community within the Pusat Perumahan Rakyat (PPR) Residences	UCTS
10	Investigating the Impact of Social Networks on Women Working from Home (WFH) in Alleviating Psychological Distress	**DCC– 4**: Understanding the Co-relationship between Internet and Mental Health	International Islamic University Malaysia

2021 RESEARCH FOCUS AREAS & RESEARCH TITLES (CYCLE 2)

Focus Area	Research Title	Research Sponsor (Beneficiary Department)
DIGITAL CITIZENSHIP & CYBERWELLNESS	DCC-1 User Rights and Protection for Subscribers of Telecommunications Services through the Provision of an Automatic Compensation Framework	Communication and Postal Regulation (Shaharliza bt Mohd Saman)
	DCC-2 Understanding the Behavioural Aspects of Cyberbullying and Interventions for Victims, Perpetrators, Parents and Stakeholders	New Media (Mohd Amirul Hafiz bin Rusly)
	DCC-3 Effectiveness of Initiatives and Enforcement of Laws in handling, managing and countering false news proliferation related to the COVID-19 pandemic	New Media (Mohd Amirul Hafiz bin Rusly)
	DCC– 4 Communications and Multimedia (C&M) Industry Competency Gap Analysis	MCMC Academy (Khaneeza Khalid)
DIGITAL INCLUSION	DI-1 Impact of Internet Access and Accessibility Initiatives in facilitating Students' M40 and B40 groups' needs during COVID-19 prevention measure period	Planning (Noor Ilyana Zakaria)
	DI- 2 An Impact Study of Klik Dengan Bijak (KDB) Programme	Community Engagement (Hashimah Hashim)

GUIDED VS OPEN RESEARCH

GUIDED RESEARCH
Predetermined Research Objectives to be achieved with requirements for researchers to recommend suitable research design

OPEN RESEARCH
Option for researchers to consider a combination of different research themes for submission addressing recommended research objectives where stated

ABOUT THE DIGITAL SOCIETY RESEARCH GRANT

DSRG
DIGITAL SOCIETY RESEARCH GRANT

Call for Proposals (2021, Cycle 2) open from
9 Aug. - 8 Sept. 2021 (5:00 pm)

To grow a **broader evidence-based research** with a **shorter time frame** bearing **data** that is **current,** necessary for the nation to optimize on the **advancements** made in the **deployment** of **communications infrastructure** and **services**

- Project commencement date: **Nov. 2021**

- **2021 DSRG Guidelines (Cycle 2)***
- **Proposal Submission Form**
- **FAQ***

- **Limited to RM10,000**
- Project duration: **Up to 6 months**

* Available at https://www.mcmc.gov.my/en/grants/2021-digital-society-research-grant-call-for-propo

RESEARCH SPONSOR

1. MCMC's internal department – acting as the **main stakeholder** and as **recipient** of the research

2. Research findings are relevant to internal users in aspects of **developing content** and **in establishing an evidence base** for MCMC initiatives and work areas.

3. Provided input in identifying and developing problem statements and research objectives (ROs)

4

SUBMISSION REQUIREMENTS

How to apply

Go to https://www.mcmc.gov.my/en/grants/2021-digital-society-research-grant-call-for-propo to download the **Proposal Application Form & Guidelines**

UNDERSTANDING RESEARCH REQUIREMENTS

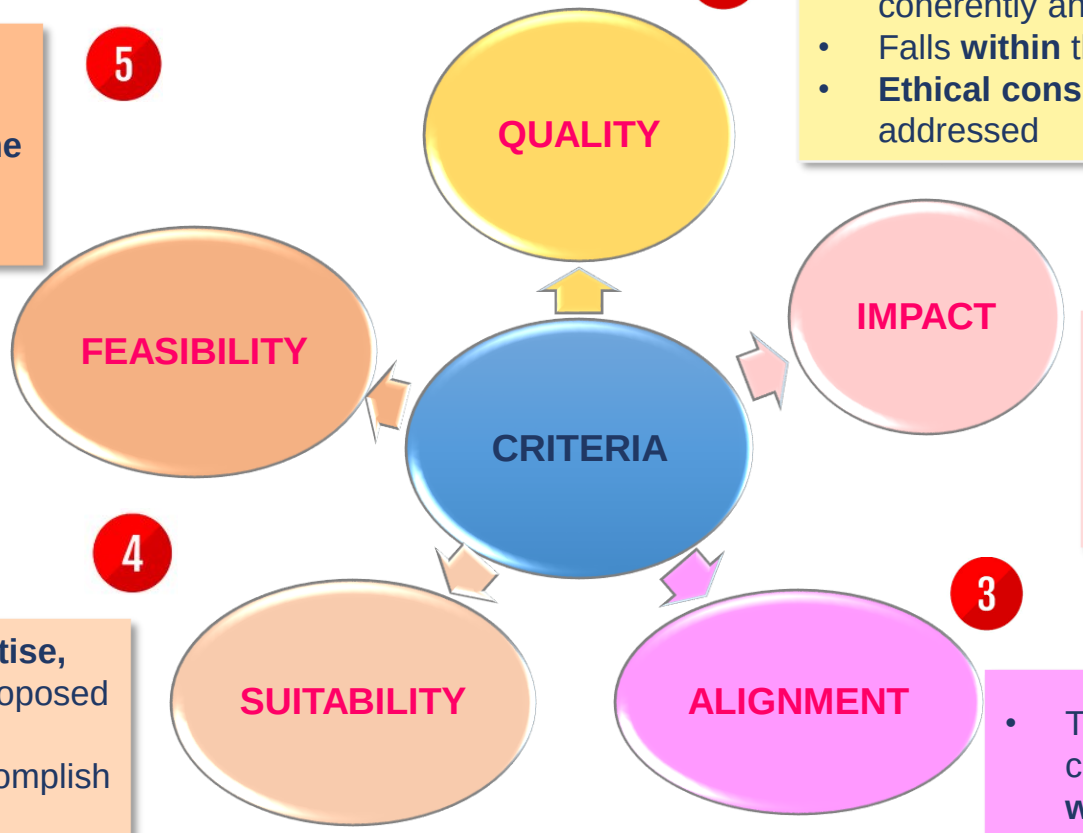
Proposal must match interest & priorities

*(Refer to Section 2.1 of **2021 DSRG Guidelines**)*

Email required documents to dsrg@mcmc.gov.my

1. **Proposal Submission Form *(in pdf and word.doc)***
2. **CV of all research team members**
3. **Certified copy of highest academic qualification**
4. **Other relevant materials to support the proposal**

CRITERIA FOR EVALUATION & SELECTION (1/2)



1
- Rationale and justification are presented coherently and logically;
- Falls **within** the **context** of **research focus**; and
- **Ethical considerations** have been identified and addressed

2
- Provides opportunity to **contribute to the implementation or evolution** of **MCMC's policies/initiatives**; and
- Potentially significant for **offering new insights** in the subject area

3
- The **need** and **relevancy** of the research in contributing towards **departmental specific works**;
- Potentially provides **useful** and **relevant data** for knowledge base.

4
- The researcher have the **expertise, skills** and **knowledge** in the proposed area of research, and with the proposed **methodology** to accomplish the research aims.

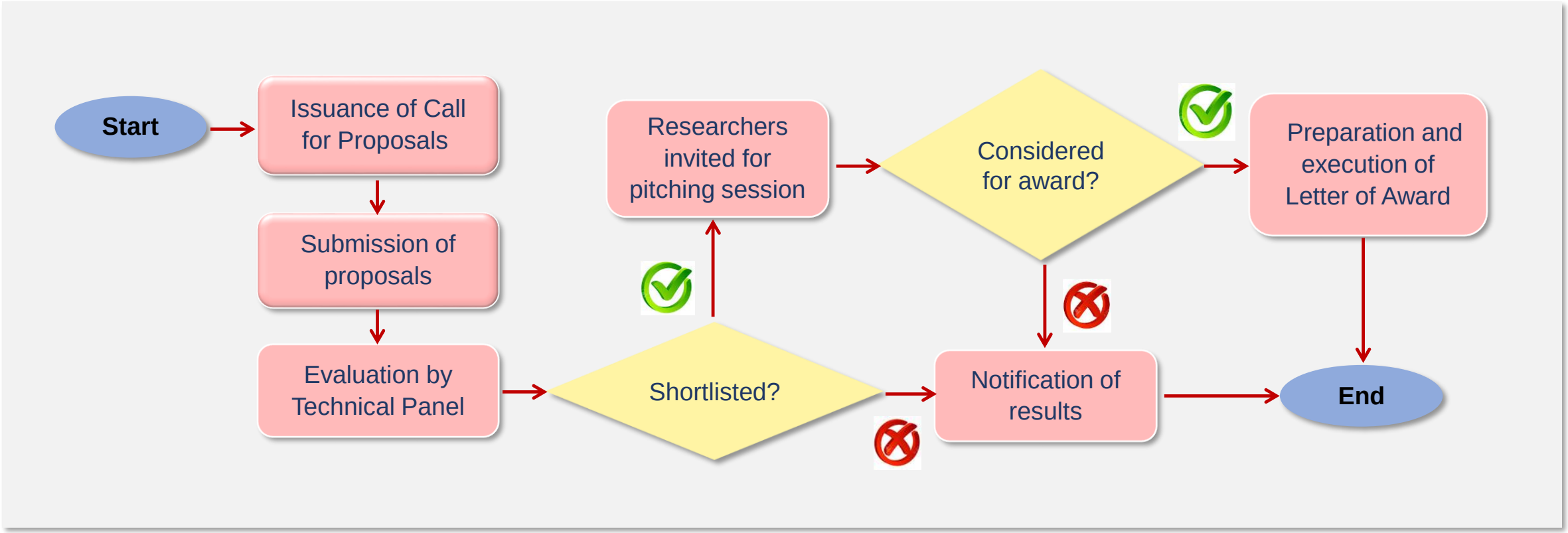
5
- The appropriateness of the proposed **activities, methods, and resources to accomplish the project within** the **timeframe** stated.

CRITERIA FOR EVALUATION & SELECTION (2/2)

ADVICE ON IMPROVING ALIGNMENT TO RESEARCH REQUIREMENTS

1. Demonstrate sound understanding of MCMC's roles and functions;
2. The proposed research **provides new insights, value or new knowledge** on the existing body of research;
3. **Feasibility** of research scope **commensurate** with the **grant amount** and **duration;**
4. Researcher's **experience** and **expertise** is demonstrated through **prior research work** and **publication** in the proposed field
5. Submission addressing Research Problem as outlined and **excludes development of prototypes or applications**; and
6. Proposals **must meet submission** and **evaluation criteria.**

SUBMISSION & EVALUATION PROCESS FLOWCHART



QUESTION & ANSWER SESSION

PLEASE TYPE-IN YOUR QUESTIONS IN THE Q&A BOX

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