SEAMEO RECSAM
Quarterly Report (October – December 2019)

A Type of Programmes and Activities & Strategic Goals

Strategic Goal 1 ▶
Conduct research & development activities to inform pedagogy and policy

- SEAMEO Basic Education Standards (SEA-BES)
- SEAMEO Learning Science and Mathematics Together in a Borderless World [LeSMaT (Borderless)]
- Literacy of Socio-Scientific Issues

Strategic Goal 2 ▶
Design and implement high quality professional development programmes

- Short Course on *"Developing Critical Thinking and Reasoning in Mathematics through Problem Solving"* for Matthayom Watnairong School, Thailand 1 to 3 October 2019 (43 participants)
- Short Course on *"Developing 21st Century Skills through Science, Technology, Engineering and Mathematics (STEM)"* for Benchamaratrungsarit 2 School, Chachoengsao, Thailand 7 to 11 October 2019 (33 participants)
- Short Course on *"Learning of Science and Mathematics through Inquiry Approach"* for Datdaruni School, Chachoengsao, Thailand 13 to 18 October 2019 (75 participants)
- Workshop on *"Exploring Science through Toy Making"* for Hatyaiwittayalai 2 School, Thailand 24 October 2019 (42 participants)
- Workshop on *"Meaningful Learning through 21st Century Learning Skills"* for Institute of Teacher Education Ipoh Campus 22 October 2019 (150 participants)
- Seminar-Workshop / Bridges Colloquium for Mentors 2019 on *"Gearing up Philippines Education through Pedagogical Enhancement of 21st Century Skills"* for ILOILO Science and Technology University, Philippines 23 to 30 October 2019

- Workshop on *"Preparation and dissemination of LeSMaT curriculum through blended-mode activities"* 30 & 31 October 2019 (16 participants)
- Workshop on *"Science Pedagogy"* for Guangxi Normal University 1 to 8 November 2019 & 4 to 22 November 2019 (100 participants)
- 8th International Conference on Science and Mathematics Education (CoSMEd 2019) on *"Aligning STEM Education with Education 4.0 and Sustainable Development Goals"* & TIMSS International Symposium *"TIMSS@20: Hindsights, Insights & Foresights"* 11 to 15 November 2019 (224 participants)
- In-Country Training Course on *"21st Century Teaching in Science and Mathematics"* for Philippines teachers 17 to 23 November 2019 (58 participants)
- SEAMEO Education Agenda Blended-mode Training for Online Course on *"LearnT-SMArET with promotion of scientific / mathematical, problem-solving and computational thinking skills"* (200 participants)

Strategic Goal 3 ▶
Ensure strong collaboration and active networking with experts, institutions and the community

- Central Curriculum Committee Meeting No. 2 / 2019 at Curriculum Development Division, Ministry of Education Malaysia (21 October 2019)
- *Mesyuarat Pemurnian Modul Kompetensi & Profesionalisme Guru STEM di bawah inisiatif #49 Kementerian Pendidikan Malaysia* (5 to 7 November 2019)

- 42nd SEAMEO High Officials Meeting, Bangkok, Thailand (26 to 28 November 2019)
- *Mesyuarat Jawatankuasa Kurikulum Negeri Bil 3 / 2019 dan Mesyuarat Penyelarasan DTP Negeri dan Daerah Bil 2 / 2019, Jabatan Pendidikan Negeri Pulau Pinang* (28 November 2019)

Strategic Goal 4 ▶
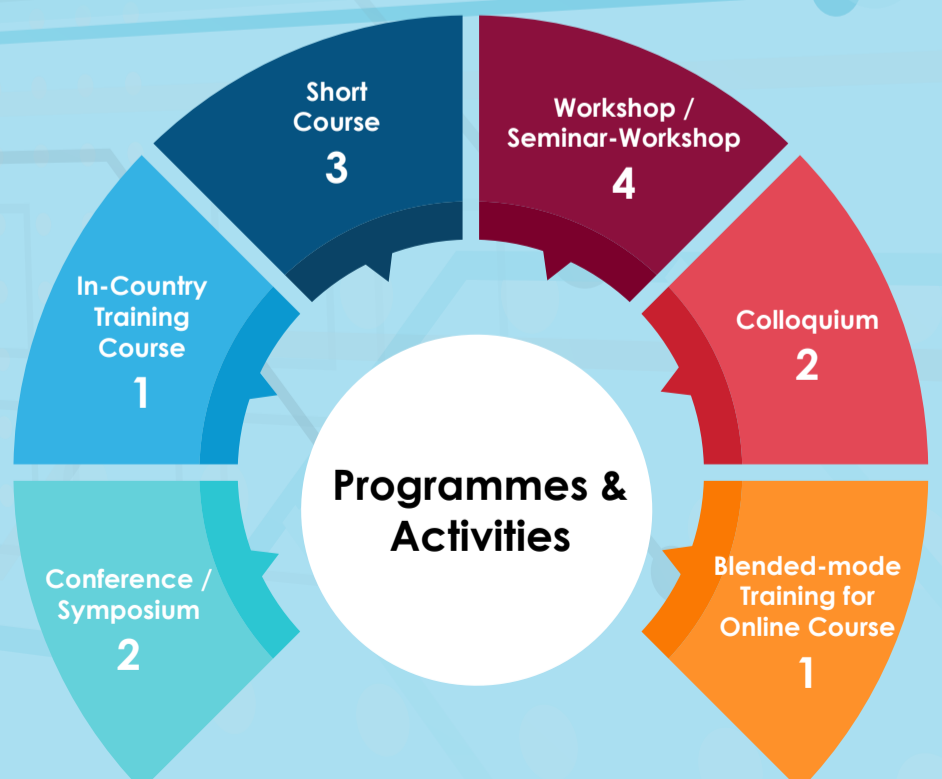Serve as an effective clearinghouse for information

- Colloquium on *"Climate Change Education"* 17 October 2019 (59 participants)

Strategic Goal 5 ▶
Strengthen quality assurance in the management of resources and services rendered

- SEAMEO RECSAM Family Dinner, DoubleTree Resort by Hilton, Penang (19 October 2019)
- SEAMEO RECSAM Strategic Planning Workshop, SEAMEO RECSAM, Penang (21 & 22 November 2019)
- SEAMEO RECSAM Management Retreat Medan, Indonesia (4 to 6 December 2019)
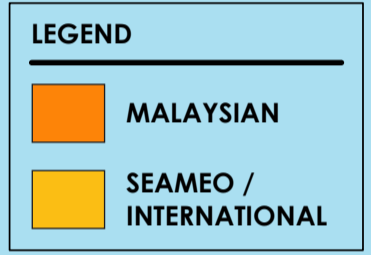

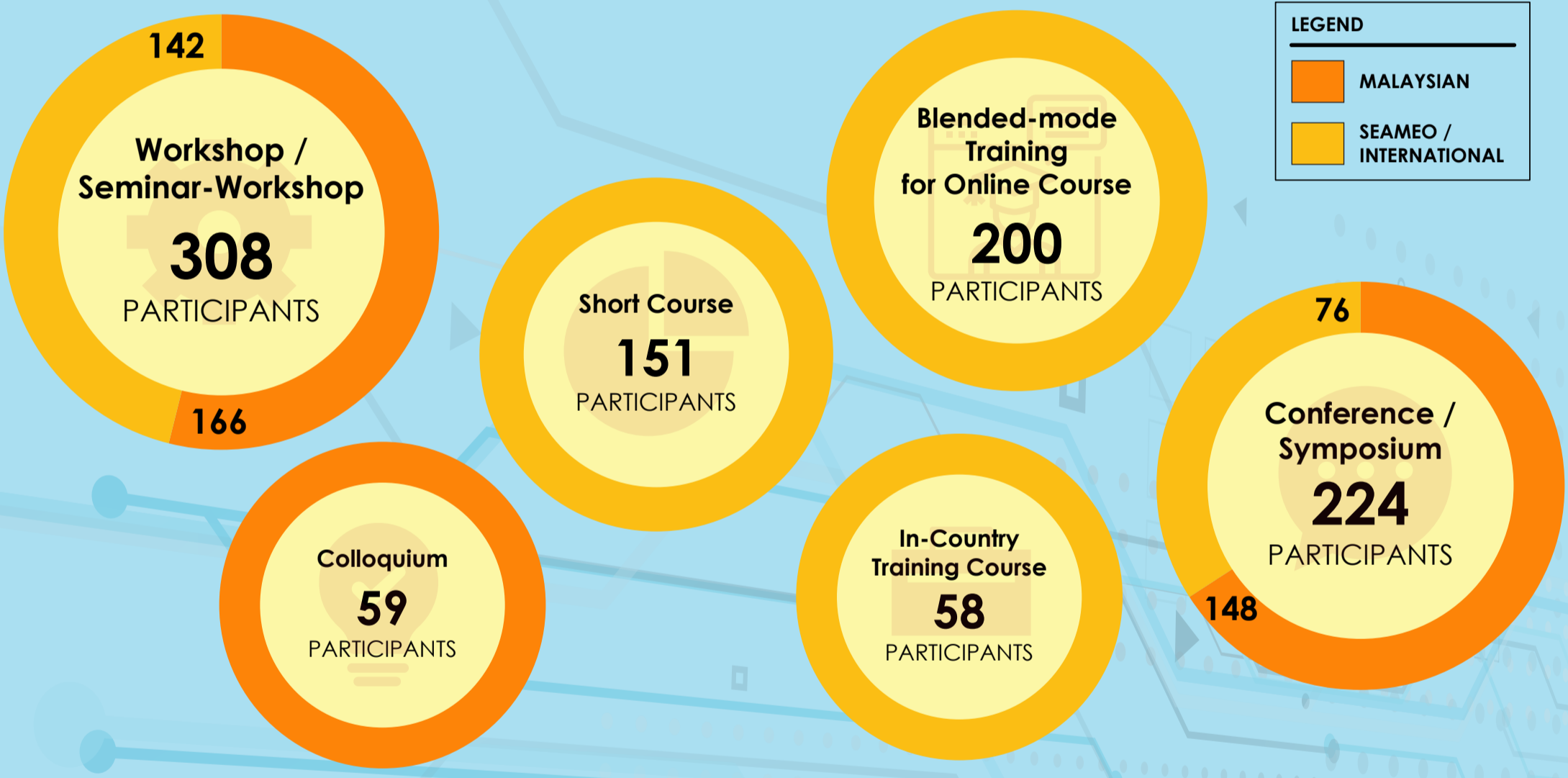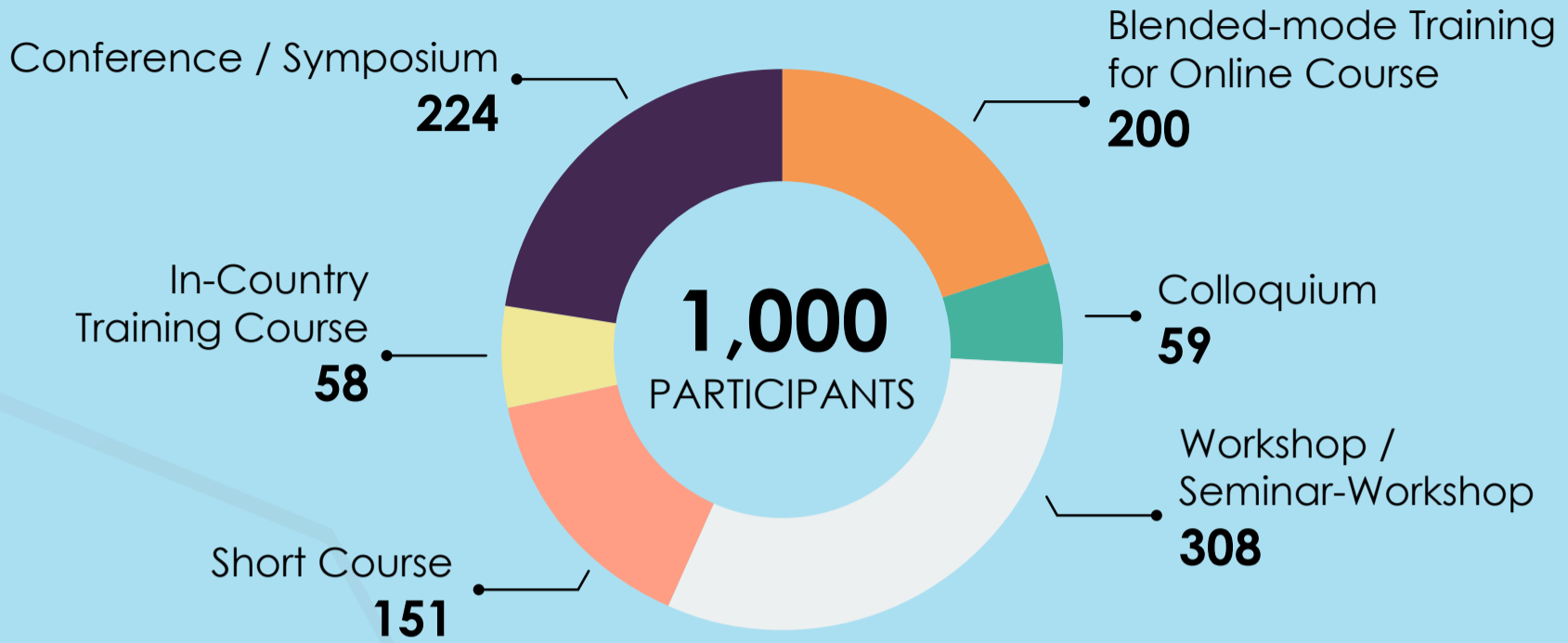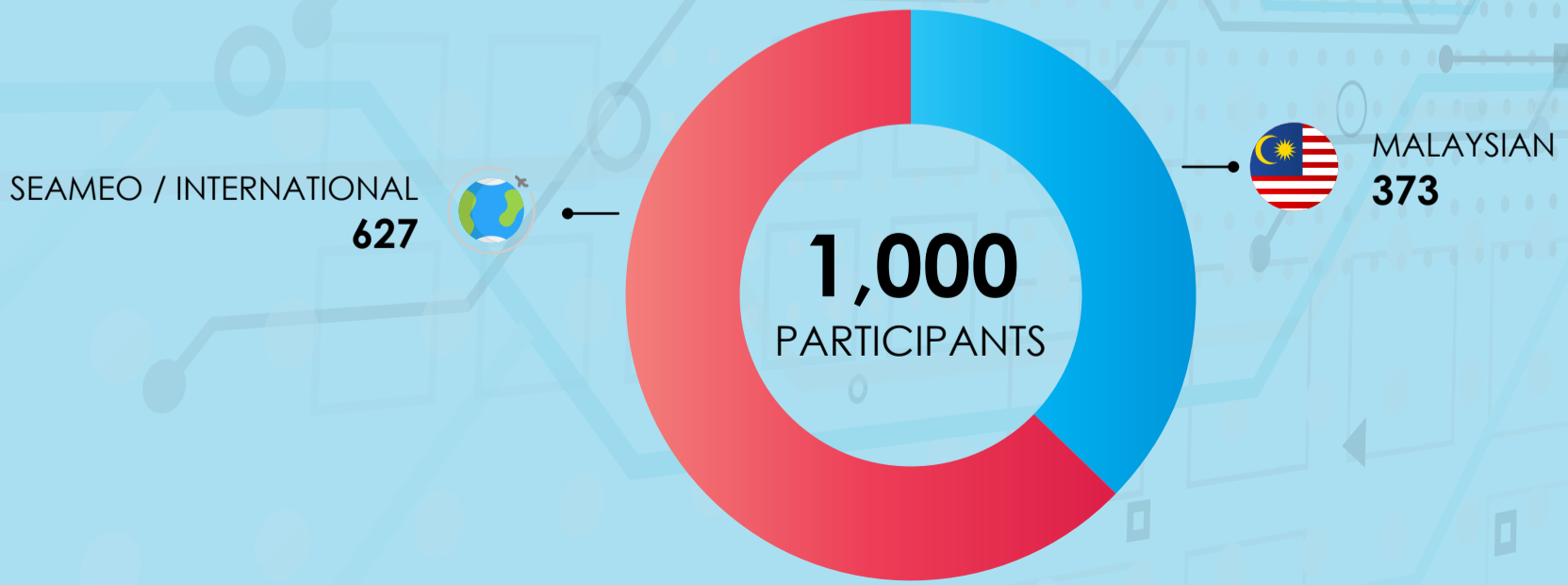**B** List of Programmes & Activities

Programmes & Activities

- Short Course **3**
- Workshop / Seminar-Workshop **4**
- Colloquium **2**
- Blended-mode Training for Online Course **1**
- Conference / Symposium **2**
- In-Country Training Course **1**

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C Total Participation by Programmes

1,000 PARTICIPANTS

- Conference / Symposium — **224**
- Blended-mode Training for Online Course — **200**
- Colloquium — **59**
- Workshop / Seminar-Workshop — **308**
- Short Course — **151**
- In-Country Training Course — **58**

Workshop / Seminar-Workshop
308 PARTICIPANTS
- 142
- 166

Short Course
151 PARTICIPANTS

Blended-mode Training for Online Course
200 PARTICIPANTS

Conference / Symposium
224 PARTICIPANTS
- 76
- 148

Colloquium
59 PARTICIPANTS

In-Country Training Course
58 PARTICIPANTS

D Total Number of SEAMEO / International and Malaysian Participants

1,000 PARTICIPANTS

- SEAMEO / INTERNATIONAL — **627**
- MALAYSIAN — **373**

E Focus Area

1	Pedagogies in Teaching Science and Mathematics
4	HOTS (Higher Order Thinking Skills)
7	Curriculum Development

2	STEM (Science, Technology, Engineering and Mathematics)
5	Pedagogy and Assessment
8	Academic Writing and Publication

3	TEL (Technology Enhanced Learning)
6	Learning Standards
9	Blended learning including scientific / mathematical thinking, problem-solving and computational thinking

F Linkages with Inter-Centre, National, Regional & International Institutions

- Sacred Heart Convent, Bangkok, Thailand
- Thepsatri Rajabhat University, Thailand
- Iloilo Science and Technology University, Philippines
- Guimaras State College, Buenavista, Guimaras, Philippines
- Teacher Professionalism Division, Ministry of Education Malaysia
- Curriculum Development Division, Ministry of Education Malaysia
- Malaysian Technical Cooperation Programme (MTCP)
- Department of Education Regional Office VI, Iloilo City, Philippines
- Penang State Education Department
- Society for Research Development (SRD), India
- SEAMEO QITEP in Science (SEAQIS)
- SEAMEO QITEP in Mathematics (SEAQIM)
- SEAMEO SEAMOLEC
- SEAMEO Biotrop
- SEAMEO Secretariat
- CRICED, University of Tsukuba, Japan
- Faculty of Education, Monash University, Australia
- Guangxi Normal University, Guilin, China

G International collaboration with National, Regional & International Institutions

- Signing of Memorandum of Understanding with Thepsatri Rajabhat University, Thailand
  (19 November 2019)
- Signing of Memorandum of Understanding with Iloilo Science and Technology University, Philippines
  (28 October 2019)
- Signing of Memorandum of Understanding with Guimaras State College, Buenavista, Guimaras, Philippines
  (26 October 2019)