

ANNEX (TO THE FRAMEWORK AGREEMENT)

ASEAN-UNESCO INDICATIVE JOINT PROGRAMME OF ACTION, 2014-2018

Sector	Programme Area/ Programme Objective	Actions 2014-2018
Education	<p>Programme area: Quality of education in formal and non-formal systems.</p> <p>Objective: To attain quality education for all by 2015, and to promote lifelong learning in formal, non-formal and informal system.</p>	<ol style="list-style-type: none"> 1. Develop projects on “reaching the unreached in education” that would complement the development of more community based learning centres in rural/urban poor areas for literacy and livelihood. The target groups are the children, youth and adults from poor families in urban/rural/remote/isolated areas; 2. Use of ICT to promote education and lifelong learning particularly in “undeserved communities” through open, distance education and e-learning; 3. Enhance teaching/learning materials on Education for Sustainable Development, and on selected subjects (e.g. Science, Math and English) to improve quality of education; 4. Assist national education authorities in evidence-based and coherent education sector planning and management; 5. Assist national education authorities in envisioning innovative modalities contributing to improving the quality of education as well as innovative tools of delivery at both formal and non-formal education systems; 6. Assist in building professional networks on quality education frameworks (policies, institutions, indicators and delivery partnerships); 7. Strengthen institutional twinning of teacher education institutions with particular focus on innovative teacher education programmes; 8. Promote partnerships among in-service teacher training centres as well as exchange cooperation for experiences sharing and networking. 9. Integrate life-long learning in education development policy, strategy and framework. This may include formalizing UNESCO’s support to the ASEAN Qualifications Framework process. 10. Encourage better access to skills training for vulnerable and marginalized groups in society and those in the informal economy. 11. Joint research and development activities; 12. Promote collaborations in R&D between higher education institutions amongst ASEAN Member States and UNESCO with regard to enhancing the provision of quality, academic and polytechnic of higher education for the ASEAN community; 13. Strengthen the existing network of cooperation among universities in ASEAN-UNESCO by promoting collaborative studies and research

		<p>programmes on priority areas identified by ASEAN-UNESCO; and</p> <p>14. Share information, where appropriate, with administrator of higher education institutions and government officers who are responsible for policy and strategic planning for higher education.</p>
<p>Science, Technology & Innovation (STI)</p>	<p>Programme area: Science, Technology and Innovation. Objective: To intensify science, technology and innovation capacities and research and policy linkages, as well as to strengthen cooperation and partnerships with relevant institutions in the ASEAN region.</p>	<p>Science, Technology and Innovation Policy</p> <ol style="list-style-type: none"> 1. Study State of STI development in ASEAN in order to determine STI capacities of Member States as well as identify possible technology niches in each Member States. UNESCO experts could be invited to share their expertise; 2. Assess the need of ASEAN Member States on STI Education within the context of Education for Sustainable Development (ESD); 3. Make the best use of the International Centre for South-South Cooperation on STI in Kuala Lumpur as a platform for sharing of information and learning about STI for Development, ideas, good practices and successful models in STI policy-making among the STI community of Southeast Asia; 4. Sharing of STI policy studies conducted in ASEAN; 5. Exchanging good practices, technology options and policy formulation on renewable energy; 6. Providing policy advice and disseminating scientific and technical knowledge pertaining to renewable energy. <p>STI capacity-building</p> <ol style="list-style-type: none"> 7. Build capacities of ASEAN in identifying and maintaining STI indicators as a decision support tool for STI policy-makers and establish an online database; 8. Support development of science statistics in ASEAN through UNESCO Institute of Science (UIS). UIS is responsible for the collection of global data on science under the United Nations statistical system. <p>e-learning on STI</p> <ol style="list-style-type: none"> 9. Development of technical platforms and modalities for e-learning and research and development cooperation. 10. Promote UNESCO's e-learning courses to develop human resources in the region, particularly in science and technology. UNESCO Office in Jakarta in cooperation with the National Research and Education Network (NREN) and School on Internet (SOI) Asia has implemented the UNESCO lecture series. The course consists of lectures delivered by experts from the region. UNESCO's e-learning programme develops and disseminates e-learning course materials and

		<p>tools, distributes existing educational and teaching materials and conducts science and technology research through a virtual platform using ICTs.</p> <p>Science Education</p> <p>11. Science education in the context of ESD that is focus on the tertiary level of education including e-learning learning and practical experimentation through the use of Microscale methodology (The UNESCO's Global Microscience Experimentation) as the mode of delivery of courses addressing various topics in science and technology for sustainable development;</p> <p>12. Encourage young people to pursue science careers.</p>
<p>Disaster Risk Reduction</p>	<p>Program area: Disaster preparedness, mitigation and reduction of underlying risks of disasters.</p> <p>Objective: To strengthen disaster risk reduction understanding and knowledge through education to build culture of safety and resilience in ASEAN Member States.</p>	<p>In line with the ASEAN Agreement on Disaster Management and Emergency Response (AADMER) Work Programme (2010-2015):</p> <ol style="list-style-type: none"> 1. Develop and assist in the implementation of a model for safer schools and its community using among others UNESCO's School-based Disaster Preparedness and its Community Disaster Resilient Programme including disaster safety of education facilities (structure and non-structural) as a reference/model. ASEAN and UNESCO may lead the development of a regional initiative on "ASEAN Disaster Resilient Schools and their Communities"; 2. Build on existing risk mitigation programme (e.g. IOC/UNESCO's tsunami warning system) to protect historical sites, archaeological areas and other cultural heritage treasures of ASEAN from potential ravages of natural disasters such as earthquakes, tsunamis, floods and landslides. This may be done in combination with existing or proposed environmental management programmes of Member States for at-risk priority heritage areas; 3. Conduct school competition and school activities in Disaster Risk Reduction as part of regional disaster awareness and preparedness activities (e.g. drill procedures); 4. Support the creation of an "ASEAN Disaster Risk Reduction (DRR) knowledge network". This may be done by helping the ASEAN establish a common platform to organize and share knowledge on disaster risk management by active use of satellite, remote sensing, Geographic Information Service (GIS) and wireless technologies; 5. Establish a DRR knowledge network within ASEAN. It could start with a DRR course using UNESCO's e-learning network; 6. Support Member States in developing resilience to water-related disasters and risk treatment in coordination with International Hydrological Programme (IHP) national committees and

		<p>UNESCO water centres;</p> <p>7. Support regional early warning and monitoring systems for floods and tsunamis;</p>
<p>Environmental Sustainability</p>	<p>Programme area: Climate Change Impacts and adaptation.</p> <p>Objective: To enhance cooperation in addressing climate change issues, evaluating impacts and proposing options to take advantages of positive impacts and controlling negative ones.</p> <p>Programme area: Sustainability of Fresh Water Resources.</p> <p>Objective: To promote sustainability of water resources to ensure equitable accessibility and sufficient quantity of acceptable water quality to meet the needs of the people of ASEAN.</p> <p>Programme area: Quality Living Standard</p> <p>Objective: To ensure cities/urban areas in ASEAN are environmentally sustainable, while meeting the social and economic needs of the people.</p> <p>Programme area: Sustainable Management</p>	<p>1. Promote and facilitate exchange of information/knowledge on scientific research and development (R&D);</p> <p>2. Deployment and transfer of technology and best practices on adaptation and mitigation measures, and enhance human resource development;</p> <p>3. Support cooperation among Member States and with international organizations to advance vulnerability studies and adaptation actions related to climate change within the framework of IHP;</p> <p>4. Support, as appropriate, the implementation of Biosphere Reserves for Environmental and Economic Security (BREES) in Asia. BREES is a platform for highlighting successes and lessons learned; scaling up demonstration projects; building dialogue, knowledge sharing on climate change mitigation and adaptation; guiding policies, capacity-building; poverty reduction in biosphere reserve communities (microloans) and grants for climate change and sustainability research;</p> <p>5. Continue to support the implementation of the ASEAN Strategic Plan of Action on Water Resources Management within the framework of International Hydrological Programme (IHP);</p> <p>6. Manage water resources efficiently and effectively in order to provide adequate and affordable water services to urban and rural settlements by 2015;</p> <p>7. Water supply and sanitation issues for the megacities – Promote SWITCH-<i>in-Asia</i> – an action research and demonstration programme that addresses the challenges faced by Asian cities, human settlements and corresponding catchments in providing efficient, safe and sustainable water and sanitation services for people, while preserving water supply and environmental resources, under increasing pressures of global change and extreme events, including floods and droughts. To meet these challenges, SWITCH-<i>in-Asia</i> calls for a paradigm shift in Urban Water Management;</p> <p>8. Promote the efficient and sustainable management of groundwater resources, and strengthen regional capacity in particular on governance of transboundary aquifers and surface and groundwater conjunctive use including training on management of aquifer recharge through the IHP ISARM programme and in cooperation with the IGRAC centre;</p> <p>9. Expand on the existing work under the ASEAN Initiative on Environmentally Sustainable Cities;</p>

	<p>of Natural Resources and Biodiversity.</p> <p>Objective: To ensure ASEAN's rich biological diversity is conserved and sustainably managed toward enhancing social, economic and environmental well-being.</p> <p>Programme Area: Health of the coasts and ocean</p> <p>Objective: To protect, restore and sustain the health and productivity of the coasts and ocean for prosperity in the ASEAN region</p>	<ol style="list-style-type: none"> 10. Share experiences, expertise and technology in areas such as urban planning including transportation, green building, water management, biodiversity conservation, greenery management, sanitation and waste management, 3Rs (Reduce, Reuse and Recycle), and air, noise, water and land pollution control; 11. Promote further listing and coordinated management of ASEAN Heritage Parks as an effective platform for eco-system based protected areas management by 2015; 12. Enhance cooperation in the management of transboundary protected areas between neighbouring ASEAN Member States; 13. Promote regional cooperation on sustainable management of biodiversity such as sharing research and development experiences, exchange of experts and training, including through collaboration with the ASEAN Centre for Biodiversity. <p><u>Action:</u></p> <ol style="list-style-type: none"> 1. Promote regional cooperation on marine scientific research, observations (the South East Asian – Global Ocean Observing System), data management and services and capacity-building to underpin ASEAN's efforts in the protection, restoration and sustainability of the coasts and ocean; 2. Deploy efforts to better understand the effects of climate change, including ocean acidification, on the vulnerable marine ecosystems, particularly coral reefs and mangroves; 3. Strengthen general science-based knowledge for ocean management, including marine spatial planning; 4. Promote integrated and sustained monitoring and warning systems for natural hazards, particularly coastal and oceanic natural hazards in close coordination with other relevant organizations, using enhanced coastal and ocean networks, including education and training activities; 5. Support the development of the global integrated assessment of the state of the marine environment including socio-economic aspects by 2014; 6. Assist in the capacity development of ASEAN Member States on marine science, observations and services, through the "UNESCO/IOC Regional Network of Training and Research Centres on Marine Science" and other available resources, to empower ASEAN Member States in the protection, and sustainable development of their coasts and ocean.
<p>Social and Human Sciences</p>	<p>Programme area: Youth Civic Engagement</p> <p>Objective 1: To contribute</p>	<ol style="list-style-type: none"> 1. To Increase the engagement of young women

	<p>to civic engagement of young women and men in their communities through support to opportunities for youth leadership and youth led-initiatives.</p> <p>Programme area: Research-policy linkages on social Transformations.</p> <p>Objective 2: To support social inclusion of vulnerable groups.</p> <p>Programme area: Global Environmental Changes.</p> <p>Objective 3: To support social sciences contribution to national development agendas on environmental sustainability and raise awareness about the social dimension of environmental changes</p> <p>Programme area: Bioethics.</p> <p>Objective 4: strengthening the national bioethics infrastructures.</p>	<p>and men as citizens of the region;</p> <p>2. To promote regional dialogue and cooperation in the field of social impact of environmental changes;</p> <p>3. Strengthening the national bioethics infrastructures.</p>
<p>Culture</p>	<p>Programme areas:</p> <p>(a) Awareness and protection of cultural heritage, including through capacity building and intercultural dialogue and</p> <p>(b) Cultural industries.</p> <p>Objective: To create a sense of belonging; consolidate unity and diversity and enhance deeper mutual understanding among Member States about their culture, history, religion and civilization as well as to protect the distinctiveness of ASEAN cultural heritage.</p>	<p>A. Promoting ASEAN awareness and a sense of community</p> <p>1. Inclusion of studies on ASEAN arts and culture as well as common values and cultural heritage in school curriculum and develop teaching materials and capability (notably through the promotion of the Heritage in Young Hands educational kit on cultural heritage among teachers and students in ASEAN Member States);</p> <p>2. Providing technical expertise/resource persons to exchange ideas and experiences on the three main areas: (1) human resource development in the cultural context; (2) capacity building for small and medium sized cultural enterprises; and (3) networking on ASEAN Cultural Heritage;</p> <p>3. Exchange of cultural performers and scholars among Member States through education system to give greater access and understanding of the different cultures of ASEAN;</p> <p>4. Safeguarding and promotion of cultural heritage expressions;</p> <p>5. Capacity building in the fight against illicit traffic of cultural property through training of lawyers, law enforcement officers, cultural heritage managers and actors of the art market as well as through awareness-raising campaigns for local</p>

		<p>communities, youth and tourists;</p> <ol style="list-style-type: none"> 6. Trainings for museum curators and other staff on inventories, conservation and presentation of collections, security and opening to the public; 7. Raising awareness of the significance of intangible cultural heritage, and ensuring its mutual appreciation through performances, publications, exhibitions, etc.; <p>B. Promotion of cultural creativity and industry</p> <ol style="list-style-type: none"> 1. Encourage the ratification of the 2005 Convention on the Protection and Promotion of the Diversity of Cultural Expressions among ASEAN countries. Activities: (1) Forum involving Parties and non-Parties to the 2005 Convention to discuss benefits of being a Party to the Convention; (2) Participation in the quadrennial periodic reporting exercises and the International Fund for Cultural Diversity, both of which provide a platform for dialogue, cultural international cooperation, knowledge and good practice sharing; 2. Promote the development of cultural industry resources by facilitating collaboration and networking between and among small and medium sized cultural enterprises (SMCEs). Activities: (1) Forum of SMCEs – explore the best means for effective dialogue, consultation, cooperation among SMCEs; (2) Exchange of knowledge and best practices; 3. Promote and support the development of cultural industries through the exchange of knowledge and best practices by respecting branded national cultural industries. Activities: (1) Regional Forum on Creative Industry Mapping; and (2) Regional Forum on Intellectual Property Rights (IPR) of cultural products; 4. Promote wider opportunities for cultural creativity among youths and all sectors of population including the ethnic groups. Activities: (1) Award and recognition programme in terms of quality and marketing.
<p>Communication & Information</p>	<p>Programme Area: Access to information and knowledge.</p> <p>Objective: To build knowledge societies and promote awareness and a sense of community.</p>	<p>Within the framework of the follow-up of the implementation of the outcomes of World Summit on the Information Society, UNESCO and ASEAN will work to:</p> <ol style="list-style-type: none"> 1. Promote universal access to information and knowledge for development; 2. Foster professional, safety and ethical standards of media professionals; 3. Develop the capacity of media after identifying gaps of media development by applying media development indicators; 4. Enhance competence and skills of media professionals through building institutional capacities of journalism training institutions in the ASEAN by adapting Model Curricula of

		<p>Journalism Education and applying the criteria of centres of excellence in journalism training/education institutes/departments/organizations;</p> <ol style="list-style-type: none">5. Foster community access to information and knowledge for development;6. Enhance the use of and the capability to utilize new media technologies such as digital broadcasting to promote ASEAN awareness and identity and to facilitate ASEAN media industry collaborations to showcase Member States culture, developments and talents;7. Foster media education and information literacy;8. Strengthen and promote the Memory of the World (MOW) programme in ASEAN to preserve documentary heritage in the Asia region and to raise awareness about the significance of ASEAN's memory heritage as part of the world's memory;9. Improve the effectiveness of mobile ICT for community empowerment and initiate capacity building on ICT content as collaboration between ASEAN Member States and UNESCO.10. Promote and foster collaborations and joint productions at industry and governmental levels across member countries and across various media platforms.
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