

Composition of Advisory Groups and Working Groups

Advisory Groups (AGs)		Objectives and Terms of Reference	Composition of Advisory Groups (No. of Members: 3 each)	Working Groups (WGs) (No. of Members: 3 each)
1	Infrastructure and HR Development in Universities and Research Centres	<ul style="list-style-type: none"> i. Faculty Training and capacity Building ii. Upgrade and Development of Improved Lab. Equipment/ Aids iii. Training of Technicians in Research Labs and Industry 	Academics with vast experience in higher education: <ul style="list-style-type: none"> ◆ At least one with experience in H.E. management, and ◆ At least one with experience in experimental science 	Two Groups <ul style="list-style-type: none"> i) Capacity building and uplift of universities and research centres; ii) Technicians Training for Research Labs and Industry
2	Basic & Applied Sciences	<ul style="list-style-type: none"> i. Research Grants in various Disciplines ii. Small grants for purchase of laboratory Consumables. 	One Scientist from each of the areas: <ul style="list-style-type: none"> a) Physical Sciences (Physics or Chemistry) b) Biological Sciences c) Engineering / Computer Sciences 	Five Groups for (i) Physics, (ii) Chemistry, (iii) Biology, (iv) Engineering and (v) Computer Science and Mathematics
3	Intra-OIC Accreditation of Universities	Provide inter-state accreditation mechanism to harmonise academic standards across Member States, in order to facilitate mobility of academics across Member States	Academics with vast experience, representing different regions	One Group with 10 members drawn from different countries, to reflect diversity
4	Technical & Vocational Education	<ul style="list-style-type: none"> i. Arrange training programmes within OIC States and help establish new training centres 	Each member with senior level experience and background in technical and vocational education and one possessing additional experience in its management	One Group
5	Water, Food, and Agriculture	<ul style="list-style-type: none"> i. Efficient use and recycling of water. ii. 'Gene Banks' for preserving bio-diversity. iii. Trans-boundary water issues 	Scientists or Engineers one each with background of research in: <ul style="list-style-type: none"> i) Water resources ii) Agriculture iii) Genetics 	Three Groups <ul style="list-style-type: none"> a. Water resources b. 'Gene Banks' / biodiversities. c. Agriculture

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6	Energy and the Environment	<ul style="list-style-type: none"> i. Preparing Policy advice in the era of major energy transitions change. ii. Climate change and the environment. 	Experts, one each from the areas of: <ul style="list-style-type: none"> i) Energy resources (conventional) ii) Energy resources (renewable) iii) Environment and Climate Change 	Two Groups: <ul style="list-style-type: none"> a. Energy b. Environmental & climate change
7	Managing Big Data with Security	<ul style="list-style-type: none"> i. Cyber security, high power computing ii. Robotics, electronic instrumentation, chip designing, sensors etc. 	Experts, one each from the areas of: <ul style="list-style-type: none"> i) Cyber Security, high power computing ii) Robotics, electronics iii) Chip designing, Sensor technology 	Two Groups: <ul style="list-style-type: none"> a. Cyber security, computing b. Electronics, Robotics
8	Big Science Programmes	Promote multinational research programmes and facilities which can be built and used by Member States	One Scientist of high accomplishments in each of the following: <ul style="list-style-type: none"> i) Space Sciences and Astronomy ii) Earth Sciences and Oceanography iii) Accelerators 	Five Groups: <ul style="list-style-type: none"> (a) Space, (b) Earth Sciences, (c) Astronomy, (d) Accelerators, (e) Oceanography
9	Foster Intra-OIC Trade and Joint Manufacture	<ul style="list-style-type: none"> i. Harmonisation of Trade Laws & Ind. Standards ii. Manufacture of Industrial / Power Plants and Machinery 	One each of the following: <ul style="list-style-type: none"> i) Industrialist with experience & vision ii) Scientist or Engineer with background in standardization iii) Legal expert 	One Group
10	Venture Fund for Hi-Tech Products	Development of Hi-tech Industries and SMEs	One each of the following: <ul style="list-style-type: none"> i) Economist ii) Legal expert iii) Information Technologist 	One Group