

List of Cycle 2 Challenge Program Concept Notes

No.	Title ¹	Name of proponent (s)	Institution/Organization
1-	On Climate Change and Sustainable Crop Livestock Systems in Southeast Asia: Role of Rural Institutions and their Governance	Agnes C. Rola	University of the Philippines Los Banos, College, Laguna
2-	Building Governance: Pace Setting by Entrepreneur and Local Community Institutions	1- Anders Hiort-af-Ornas, 2- Pham Thi Bich Ngoc	1-Department of Water and Environmental Studies, Linkoping Universitet 2- Vietnam Institute for Water Resources Research, Centre for Participatory Irrigation Management
3-	Best Strategies for Sustainable Land Management in Vulnerable Mountain Regions	C.A. Kessler	Erosion and Soil & Water Conservation Group Wageningen University, Wageningen, The Netherlands
4-	Phytomedicine and nutraceuticals in control of animal parasites: validation and standardization	1- Ana Carolina de Souza Chagas, and Márcia Cristina de Sena Oliveira 2- John B. Githiori 3- Jerzy Behnke and Ian Duce 4- Dibungi Luseba 5- Kobus Eloff 6- Peter Gathumbi 7- David Buttle	1- Brazilian Government Company of Agricultural Research (EMBRAPA), CPPSE, Brazil 2- International Livestock Research Institute (ILRI), Kenya 3- University of Nottingham, UK 4- Agricultural research Council, Onderstepoort Veterinary Institute, South Africa 5- University of Pretoria, South Africa 6- University of Nairobi, Kenya 7- University of Sheffield, UK
5-	Agro-ecological Intensification and Diversification of the World's Grain Baskets: More Wealth and Health to the Resource Poor	Centers Alliance	CGIAR Centers
6-	Bio-energy: Growing Energy on Farms to Generate Income and Protect the Environment	Centers Alliance	CGIAR Centers
7-	Crops with Appropriate Gene Technologies: Reducing barriers to approval, adoption and acceptance of GM crops in developing countries	Centers Alliance	CGIAR Centers
8-	Challenge Programme on Climate Change, Agriculture and Food Security	Centers Alliance	CGIAR Centers
9-	Economies in Transition: Reversing the Trends through Research For Sustainable Agriculture in Central Asia, the Caucasus and Afghanistan	Centers Alliance	CGIAR centers

¹ Concept notes with highlighted titles are recommended by the Science Council for pre-proposal development.

10-	Mycotoxins, other Contaminants and Food Safety	Centers Alliance	CGIAR Centers
11-	Forest Livelihoods & Landscapes Challenge	Centers Alliance	CGIAR centers
12-	High Value Crops - Fruits and Vegetables	Centers Alliance	CGIAR Centers
13-	Oasis: A CP to Combat Desertification (Dryland Degradation)	Centers Alliance	CGIAR Centers
14-	Stimulating Market-led Agricultural and Rural Transformation: Making Markets and Institutions Work for the Rural Poor	Centers Alliance	CGIAR Centers
15-	Improvement of the fish quality transformed by use of natural substances in the struggle against the infestation	Cisse Oumou Traore	Institute of Farming Economy, Bamako, Mali
16-	Contribution to the valorisation of brycinus leuciscus in fisheries of the stream Niger and the stream Senegal to Mali	Cisse Oumou Traore	Institute of Farming Economy, Bamako, Mali
17-	Indigenous Knowledge, High Agricultural Productivity, Poverty Reduction and Sustainable Development	Durgadas Mukhopadhyay	Sparta Institute of Social Studies, Delhi, India
18-	Agricultural Biological Production	Elvisem AG	Euro Business Center 1, Switzerland
19-	Striking a Balance for Sustainable Palm Oil – balancing food production, biofuel development and environmental protection	Fitrian Ardiansyah	WWF Indonesia, Jakarta, Indonesia
20-	Sustainable increase in agriculture production through effective approaches to participatory waste water irrigation management technology development	Harish L Atre	Nishtha Development Foundation, Gujarat, India.
21-	Cellulosic and Lignocellulosic Materials as Basis for Bioplastics Production	Hartmut Seliger	Tecnaro GmbH, D 74360 Ilsfeld-Auenstein, Germany
22-	Pesticide Use, Farmers' Health and Agricultural Productivity in Nepal	Hom Gartaula, and Kishor Atreya	Alternative Development and Research Center, Nepa
23-	Investigate and address nexus between HIV/AIDS, agriculture/nutrition, food security, and gender	Janet Feldman	KAIPPG International, Rhode Island, USA
24-	Development of Technology to Transform Plants with More Efficient and Better Adapted Mutant Rubiscos	1- Jill. E. Gready 2- Spencer M. Whitney	1- John Curtin School of Medical Research (JCSMR) 2- Research School of Biological Sciences (RSBS), Australian National University, Canberra, Australia

25-	Harnessing the Benefits of Leguminous Plants in Smallholder Farming Systems of Southern Africa	Kudzai Nyengerai	Africa University, Mutare, Zimbabwe
26-	Development of an inoculum composed of micro-organisms solubilizing phosphorus for a better use of the rock phosphates by the cereal food crops.	Lamine Traore	IER/CRRA, Bamako, Mali
27-	Extension of organic Aloe Vera in the AARINENA Region	1- M.S.A. Safwat 2- Atif Tantawy 3- M. El-Kholy 4- Yasser A. H. Osman	1-Dept. of Agric. Microbiology,Minia University, Egypt 2- Medical-Chemical Dept., Fac. Pharmacy, Mansoura Univ. Egypt 3- Socio –Economic & Commercialization Group, Egypt 4- Dept. Medicinal & Aromatic Plants, Desert Research Center Cairo , Egypt
28-	Production and distribution of Mycorrhizal Fungi inoculums in AARINENA Region	1- M.S.A. Safwat 2- Atif Tantawy 3- M. El-Kholy	1- Dept. of Agric. Microbiology,Minia University, Egypt 2- Medical-Chemical Dept., Fac. Pharmacy, Mansoura Univ. Egypt 3- Socio –Economic & Commercialization Group, Egypt
29-	Production of some fixed oils extracted from organic cultivation of some medicinal plants in the AARINENA Region	1- M.S.A. Safwat 2- Atif Tantawy 3- M. El-Kholy 4- Yasser A. H. Osman	1- Dept. of Agric. Microbiology,Minia University, Egypt 2- Medical-Chemical Dept., Fac. Pharmacy, Mansoura Univ. Egypt 3- Socio –Economic & Commercialization Group, Egypt 4- Dept. Medicinal & Aromatic Plants, Desert Research Center Cairo , Egypt
30-	Recycling of agricultural and agro – industrial wastes, especially medicinal and herbal plants	1- M.S.A. Safwat 2- Atif Tantawy 3- M. El-Kholy 4- Yasser A. H. Osman	1- Dept. of Agric. Microbiology,Minia University, Egypt 2- Medical-Chemical Dept., Fac. Pharmacy, Mansoura Univ. Egypt 3- Socio –Economic & Commercialization Group, Egypt 4- Dept. Medicinal & Aromatic Plants, Desert Research Center Cairo , Egypt

31-	Promotion and extension of organic farming for medicinal and herbal plants	1- M.S.A. Safwat 2- Atif Tantawy 3- M. El-Kholy 4- Yasser A. H. Osman	1-Dept. of Agric. Microbiology, Minia University, Egypt 2- Medical-Chemical Dept., Fac. Pharmacy, Mansoura Univ. Egypt 3- Socio –Economic & Commercialization Group, Egypt 4- Dept. Medicinal & Aromatic Plants, Desert Research Center Cairo , Egypt
32	Genetic transformation of chickpeas (<i>Cicer arietinum</i> L.) for resistance to pod borer (<i>Helicoverpa armigera</i>) through development of transgenics using two Bt genes (<i>CryIAc</i> & <i>Cry2Aa</i>)	Manav Yadav B.K. Sarma	Assam Agricultural University, Jorhat, India
33-	An international centre for non-food crops	Molly Wynn-Owen Richard Burge	Kimberley Burge
34-	The impact of poor waste management on food safety in Uganda	Noble Banadda	Makerere University, Kampala, Uganda
35-	Sustainable agriculture pilot cashew farm in Nhacra-Guiné Bissau	Pedro Melo Franco	Sustainable agriculture pilot cashew farm in Nhacra-Guiné Bissau
36-	Programme DPEO, ou Création d'une dynamique visant à réduire les handicaps majeurs pour doper le passage d'une croissance non convergente à un état souhaitable en écorégion	Prosper Ndjiodi	Centre d'appui au développement en projets et partenariats
37-	Integrated approach to ameliorate soil fertility in semiarid soils (SAS) with on-farm experimentation in Senegal	1- Rokhaya Daba Fall 2- Tahir Diop	Institut National de Pedologie, Dakar, Senegal
38-	Socio-ecological indicators for an assessment of the soybean production in the region Santa Cruz (Bolivia) – creating scenarios for a sustainable use of resources	1- Stefan Jergentz 2- Sergio Ruiz	Institute for Environmental Sciences, University Koblenz-Landau, Landau, Germany
39-	Use of Renewable Energy Sources for Agriculture in Armenia	1- Vardan Urutyan 2- Agassy Manoukian 3- Vardan Hambardzumyan	1-International Center for Agribusiness Research and Education 2- H2ECONomy CJSC 3- Federation of Agricultural Associations
40-	Introduction of RISE Assessment tool in Caucasian Countries	1- Vardan Urutyan 2- Hans Porsche	1- International Center for Agribusiness Research and Education, Switzerland 2- Swiss College of Agriculture, Switzerland
41-	The Role of Area Enclosures in Enhancing Soil Quality, Carbon Sequestration and Vegetation Restoration in Tigray, Ethiopia	1- Wolde Mekuria 2- Edzo Veldkamp	1- Mekelle University, Germany 2- Göttingen University, Germany