

Erasmus Mundus Action 2 – Strand 1/ Lot L13

PROJECT SUMMARY SHEET

Project title		Plant Virology in the new era - breeding for resistance	
Ref	545761	Name of organisation	Country
Applicant		Agricultural University of Athens	Greece
Co-coordinator		Jawaharlal Nehru University	India
<p>Partners:</p> <p>Tallinn University of Technology, Estonia University of Helsinki, Finland Martin Luther Universität Halle-Wittenberg, Germany Universidad Politécnica de Madrid, Spain University of East Anglia, United Kingdom Assam Agricultural University, India Jawaharlal Nehru University, India Rajendra Agricultural University, India Sri Venkateswara University, India University of Delhi South Campus, India</p> <p>Associate partner:</p> <p>Istituto di Virologia Vegetale del CNR – Unit of Bari, Italy</p>			
	Countries targeted	India	
	Amount requested (EUR)	€ 2.953.700	
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	<p>Brief description:</p> <p>BRAVE is a consortium of six European Universities that possess strong curricula in plant virology, plant molecular biology, plant biochemistry and molecular evolution and five Indian Universities with strong curricula in plant virology and microbiology. Members in BRAVE will collaborate in the creation of a new generation of plant researchers for India. The proposed program aims at educating Indians of various levels of education (MSc, PhD, post docs and</p>		

	<p>research staff)on plant virology -both basic and molecular- in order to develop excellence in plant virology research area. On the other hand, the program aims at bringing research closer to agricultural practice and at enhancing its impact not only on plant research in academia, but also on industry. Members of the program could also serve as extension practitioners in Indian agriculture, dealing with everyday pathological problems enriching the applied plant pathology in India. The program will offer a high quality academic environment focusing on the research and the development of new knowledge in plant virology, taking advantage of the new technologies of next generation sequencing methodology. Such novel means have revolutionized research in a great number of biological research areas, including plant virology. The European part of the consortium provides a research environment very well structured to address basic and molecular plant virology thus reassuring that education is provided at all levels. It should be noted that research in the area of plant epigenetics could also be performed as it consists currently the most advanced area in plant research. Most of the BRAVE partners have collaborated before with great success in bilateral and European projects (i.e COST FA0806, SCIROCCO, Resistvir) and strongly believe that this consortium could provide a quality education leading to MSc, PhD diplomas, as well training of post docs and staff members from the Indian universities participating in BRAVE.</p>
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Mobility flow:

Type of Mobility	Outgoing		Third country	Incoming			Total	Distribution per mobility type
	Europeans			Third country nationals				
	Target Group 1	Target Group 2		Target Group 1	Target Group 2	Target Group 3		
Undergraduates			INDIA	6	-	6	12	12 %
Masters			INDIA	10	15	5	30	30 %
Doctorates			INDIA	15	7	3	25	25 %
Post-doctorates			INDIA	8	5	2	15	15 %
Staff			INDIA	12	6	-	18	18 %
TOTAL				<u>51</u>	<u>33</u>	<u>16</u>	<u>100</u>	

Third country	Undergraduates	Masters	Doctorates	Post-doctorates	Staff	TOTAL
INDIA	12	30	25	15	18	100
TOTAL	<u>12</u>	<u>30</u>	<u>25</u>	<u>15</u>	<u>18</u>	<u>100</u>