

MEMORANDUM OF UNDERSTANDING

BETWEEN

Department of Environmental Sciences,  
Informatics and Statistics,  
Ca' Foscari University of Venice

AND

Korea Research Institute of Chemical  
Technology

  Korea Research Institute of Chemical Technology

This

## Memorandum of Understanding

Is made between the Korea Research Institute of Chemical Technology, Korea, hereinafter referred to as KRICT, and the Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Italy, hereinafter referred to as DAIS.

Recognising that mutual benefits can arise from collaborative scientific, technological and educational activities, combined with open exchange of ideas and information, KRICT and DAIS seek further development of joint activities by both organisations in all aspects of sustainable development particularly focused on Green Chemistry.

### Art. 1

The aim is to promote channels of communication and co-operation that encourage the exchange of scientific, technical and educational resources and information. KRICT and DAIS agree to develop co-operation further so as to foster an increased level of interchange of ideas to the mutual benefit of both organisations, and to strengthen further the goodwill and cordial relations that already exist between them.

### Art. 2

The memorandum focuses on specific topics, as outlined in Appendix. Contact Scientists are identified below and will be responsible for developing and maintaining communication in particular areas. KRICT Legal Representative and DAIS Head of Department are identified below and are responsible for developing joint projects. The list of topics will be reviewed annually and amended as necessary depending on the progress of the co-operation.

### Art. 3

To implement these arrangements, KRICT and DAIS agree to

- Encourage the organisation of joint research projects, with or without third parties as appropriate.
- Encourage exchange visits by academics, research students and undergraduate students to widen the ideas pool, exchange information and broaden the experience of individual researchers, students and participating institutions.
- Promote joint publications of scientific papers and reviews
- Encourage joint courses, development of educational resources and capacity building.
- Promote joint conferences and/or workshops on selected topics, with the aim of leading to furthering the development of green chemistry education, as well as proposals for joint scientific research and technology development.
- Encourage Networking activities.

### Art. 4

Progress under the Memorandum of Understanding (MoU) will be monitored by Contact scientist of each establishment, who will:

- Examine and review the list of topics for joint work, and amend it as needed
- See that ongoing projects are well co-ordinated
- Evaluate progress
- Recommend new joint projects, or the termination of old ones, as appropriate
- Discuss the terms and conditions of involvement of third parties
- Evaluate programmes for exchange visits, workshops and other activities as needed
- Assess the benefits

**Art. 5**

Given the highly individual nature of most of the activities involved, the parties envisage that management involvement will be minimal. The role of management will be to facilitate, encourage, review, and suggest, bearing firmly in mind the benefits of this co-operation. Co-ordination of the MoU and its annual reviews will be the responsibility of the Contact Scientists. To alleviate the management burden, co-ordination should take place by e-mail, fax, or mail. All written notices under the present MoU shall be sent to the following address:

For the Department of Environmental Sciences, Informatics and Statistics:  
DAIS - Department Administration Office  
Calle Larga Santa Marta, Dorsoduro 2137  
30123 Venice (Italy)  
E-mail: [s.rizzieri@unive.it](mailto:s.rizzieri@unive.it)  
Fax: 0039 041 2348584

For the Korea Research Institute of Chemical Technology:  
Division of Strategy & Cooperation  
141 Gajeongro, Yuseong-gu, Daejeon 305-600, Korea  
E-mail: [yjko@kriict.re.kr](mailto:yjko@kriict.re.kr)  
Fax: +82-42-860-7670

Although formal annual meetings are not called for, efforts could be made for review meetings at management level on ad hoc basis or when senior staff are visiting each others' countries for other purposes, if possible.

**Art. 6**

Partners agree to respect the laws of the countries in which they operate.

**Art. 7**

No financial obligations are implied by this MoU. If certain operations will require financial obligations, they will be regulated by specific agreements/contracts.

Travel expenses, subsistence and other expenses incurred on exchange visits shall be paid by the parent organisation with the research funds of the Contact Scientists (e.g. Venice University pays for Venetian visitors to Korea Research Institute of Chemical Technology within the MoU). Working conditions, e.g. use of research equipment, educational resources, administrative support, office provision, will be decided on a case by case basis after mutual consultation and will be regulated by specific agreements/contracts.

**Art. 8**

All implementation regulations of the present MoU must be signed by both Contact Scientists, KRICT Legal Representative and DAIS Head of Department.

**Art. 9**

The present MoU will enter into force upon the signature by both parties and will be in force for 5 years. It may be terminated at any time by either party upon 90 days written notice to the other party. The termination of the MoU will not affect the validity and duration of projects that have been initiated under the MoU prior to such termination.



For the Korea Research Institute of Chemical  
Technology, Korea

Dr. Chulwee Lee  
Director of Division of Green Chemistry &  
Engineering Research.  
Legal Representative

.....  
*C. W. Lee*

Dr. Bumsik Kim  
Director of Research Center for Environmental  
Resources & Processes

.....  
Contact Scientist

*Bumsik Kim*

DATE .....

For the Department of Environmental Sciences,  
Informatics and Statistics, Ca' Foscari University  
of Venice, Italy

Professor Michele Bugliesi  
Head of Department

.....  
*Michele Bugliesi*

Professor Pietro Tundo

*Pietro Tundo*

.....  
Contact Scientist

DATE..... **4 APR. 2012** .....

# Appendix to the Memorandum of Understanding

between the Korea Research Institute of Chemical Technology, Korea and the Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Italy

## List of topics of mutual interest

(to be reviewed annually and amended as necessary)

1. Green synthetic pathways and clean production technologies
2. Green catalysis for improved selectivity and conversion
3. Dialkyl carbonates chemistry
4. Renewable resources
5. Environmental chemistry
6. Materials for environmental chemistry in the fields of abatement of toxic gases and purification of contaminated water
7. Membrane materials for separation and enrichment

