

Dr. Filemon A. Uriarte, Jr.

Chairman and CEO, LAUDS Technologies, Inc.
Director, TEST Consultants, Inc.
Academician, National Academy of Science and Technology

Dr. Filemon A. Uriarte, Jr. earned his bachelor's degree at the age of 19 and master's degree in chemical engineering at the age of 21 from the University of the Philippines in 1965 and 1967, respectively, and his Ph.D. in chemical engineering at the age of 25 from Carnegie-Mellon University in the United States in 1970. He received special training in environmental engineering in Japan (1979) and in R&D institute management from the University of Denver in the United States (1984).

In the **international arena**, he has over 20 years of experience in the United Nations and in ASEAN serving in various senior level positions. He occupied the **third highest position at the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)** as Principal Officer (2004-2005) in the Office of the Executive Secretary, serving several times as the Officer-in-Charge whenever the Executive Secretary and the Deputy Executive Secretary were on official travel. As Principal Officer, in addition to advising the Executive Secretary, he also coordinated the United Nations Special Programme for the Economies of Central Asia (SPECAs) and the ESCAP dialogue relations with sub-regional organizations such as ASEAN, ECO, SAARC and PIFS. As Special Assistant and Secretary of the Commission (2001-2003) he gained intimate knowledge of the working of both the Office of the Executive Secretary and the Commission. At ESCAP, he also served as Director, Information, Communications and Space Technology Division (2005-2006), and Regional Adviser in Environmental Management (1989-1991). His long and extensive experience in the United Nations started as an expert, resource person, or consultant for ESCAP (1982, 2001), for UNEP (1982, 1983, 1985, 2001), and for WHO (1986), and as Regional Network Point of Contact and Representative for UNESCO (1983-1986).

In ASEAN, he served as member or head of the Philippine Government's delegation to numerous ASEAN intergovernmental meetings at the ministerial, senior official and committee levels. He also served as a **senior official at the ASEAN Secretariat** in Jakarta, Indonesia, first as Director, Science and Technology Bureau (1986-1989), the **third highest position at that time**, and then as Director, Functional Cooperation Bureau (1993-1999), managing and coordinating ASEAN cooperation in the fields of social development, labor, drugs, HIV/AIDS, youth, culture and information, environment, and science and technology.

In **government**, he served in the Philippine government under three different Presidents. Under President Joseph Estrada, he attained the **highest non-elective executive position in the Philippine government as a member of the Cabinet, as Secretary (Minister) of the Department of Science and Technology** (1999-2001). During that same period, he also served as Chairman, National Information Technology Council and later as Co-chairman, National Information and E-commerce Council (with the Trade and Industry Secretary), as Co-chairman, Y2K Commission (with the National Security Adviser), and as Co-chairman, Millennium Commission (with the Agriculture Secretary).

Under President Corazon Aquino, he served as Undersecretary (Deputy Minister), Department of Science and Technology, supervising six technical services institutes and managing the Department's comprehensive technology transfer and commercialization program. Under President Ferdinand Marcos, he served as Director, National Institute of Science and Technology (1983-1986), the oldest and largest government research institute.

In the **academic field**, he is an **Academician of the National Academy of Science and Technology, a lifetime appointment awarded to a limited (only 50) number of outstanding scientists and professionals**. He served as Director, Center for Engineering and Sustainable Development Research, De La Salle University, as Chairman, Department of Chemical Engineering, University of the Philippines, and as Vidal A. Tan Professor of Environmental Engineering, University of the Philippines (1973-1983), the youngest ever holder of a professorial chair at the U.P. College of Engineering. He initiated and developed the graduate program in environmental engineering at the University of the Philippines. He conducted numerous research projects funded by the National Science Development Board and the National Research Council of the Philippines.

In the **private sector**, he serves as **Chairman and CEO, LAUDS Technologies, Inc.**, a technology-oriented company specializing in environmentally-sound technologies, clean energy technologies, and cleaner production technologies, with partners from Japan, South Korea and India. He was for many years **President, TEST Consultants, Inc.**, an engineering firm specializing in environmental engineering, environmental impact assessment, solid waste management, and water supply. For a few years, he served as Vice President, Philippine Vinyl Consortium, Inc., a company that produced PVC resin using the B F Goodrich technology. Together with a number of corporate CEOs, he founded the Industrial Research Foundation, which assists and funds government researchers. He was elected for two terms as President of the Philippine Institute of Chemical Engineers. He designed numerous industrial pollution control facilities and helped develop the government's rules, regulations and standards for air and water quality.

He is a multi-awarded engineer, scientist and manager. He was a Ten Outstanding Young Men (TOYM) Awardee in Science in 1974, at the age of 29. He was included in the *Outstanding Leaders of the Philippines (Who's Who 1980)* published by the Asia Research Systems, Inc. in 1980. He received the 1982 Earth Award for Research and Development of Environmentally Sound Technology; the 1984 Outstanding Young Scientist Award in Engineering from the National Academy of Science and Technology; the *Testimonial Award for Outstanding Quezonian* from the Quezon (Tayabas) Association, in 1984; and the 1985 NRCP Achievement Award. In 1985, he was chosen by the University of the Philippines Alumni Engineers Association as the recipient of the Diamond Jubilee Award for the Most Outstanding Chemical Engineering Alumnus. In 1989, he was conferred the Award for Outstanding Chemical Engineer in the Field of Government Service by the Philippine Institute of Chemical Engineers. He was presented *The ASEAN Engineering Award* by the Singapore Institution of Engineers, in 1999. In 2006, he was selected as the Most Outstanding Chemical Engineer in the Philippines by the Professional Regulation Commission. He was a member of the Phi Kappa Phi Honor Society, Carnegie-Mellon University Chapter and University of the Philippines Chapter.

He has written numerous technical and scientific papers, many of which have been presented in international conferences. He served as an international expert for the World Health Organization, the United Nations Environment Programme, United Nations Industrial Development Organization and other international organizations. For UNESCAP, he managed and led the preparation of the *State of the Environment in Asia and the Pacific 1990* and for ASEAN, the *First ASEAN State of the Environment Report (1997)*. He prepared for the United Nations Environment Programme a design handbook on *Industrial Pollution Control Facilities for Small Electroplating Plants* and edited the *Asia-Pacific Environmental Outlook (2000)*, among many others. In 2006, he edited the *Third ASEAN State of the Environment Report*. His latest book is entitled *Solid Waste Management: Principles and Practices*, to be published soon by the University of the Philippines Press through a fellowship grant from the National Academy of Science and Technology. He has started work on another book on *Knowledge Management* through another fellowship grant from the Academy. He has received numerous plaques of appreciation, recognition and citations from various professional associations, research institutes, universities and other organizations.

Dr. Uriarte and his wife are active in charitable and religious work. He is a member of the Board of Elders of Couples for Christ and serves as CFC Regional Coordinator for Cambodia, Laos, Myanmar, Thailand and Vietnam. They have raised funds for the construction of the GK Thailand Village and the GK International Village, providing houses, water supply and drainage, site improvement, and multi-purpose community hall for nearly 35 poor families in Novaliches, Quezon City, as well as education for their children. He has written and published three spiritual books, namely, *Letters of Aquila and Priscilla (2001)*, *The Aquila and Priscilla Homilies (2003)*, and *Reflections of Aquila and Priscilla (2005)*.

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