

Ahmad AL FARRA is a senior research engineer and materials scientist with more than two decades of experience in chemistry, materials science, and industrial R&D. Born in Syria in 1971, he pursued an academic path of excellence in chemistry through highly selective preparatory studies before joining the ****École Normale Supérieure de Cachan (ENS)****¹ in France.

He obtained the **Agrégation in Chemistry**² in 1995, followed by a **Master's degree in Analytical Chemistry** from **INSTN-CEA Saclay**³ in 1998. In 2001, he completed a **PhD in Electrochemistry** at the **University of Orléans**, and subsequently carried out a postdoctoral fellowship in **organic electrochemistry**.

Ahmad began his professional career in academia and applied research at the ****Higher Institute of Applied Sciences and Technology (HIAST)****⁴ in Damascus, where he taught preparatory classes and conducted R&D in organic synthesis of fine chemicals from 2002 to 2012.

Since 2013, Ahmad has been working at **TotalEnergies**, where he has held several technical and managerial roles, including **Molecular Modeling Engineer**, **Head of PhysicoChemical Analysis Service**, and, since 2022, **Research Engineer in Chemical Recycling of Plastics & Specialist in chemistry**. His work focuses on the development of sustainable recycling pathways aligned with the energy transition and circular economy.