



Departamento de Ingeniería
Química y Tecnologías
del Medio Ambiente
Universidad Zaragoza



STORMING PROJECT: Sustainable Production of H₂ and CNTs by Catalytic Cracking of Biomethane

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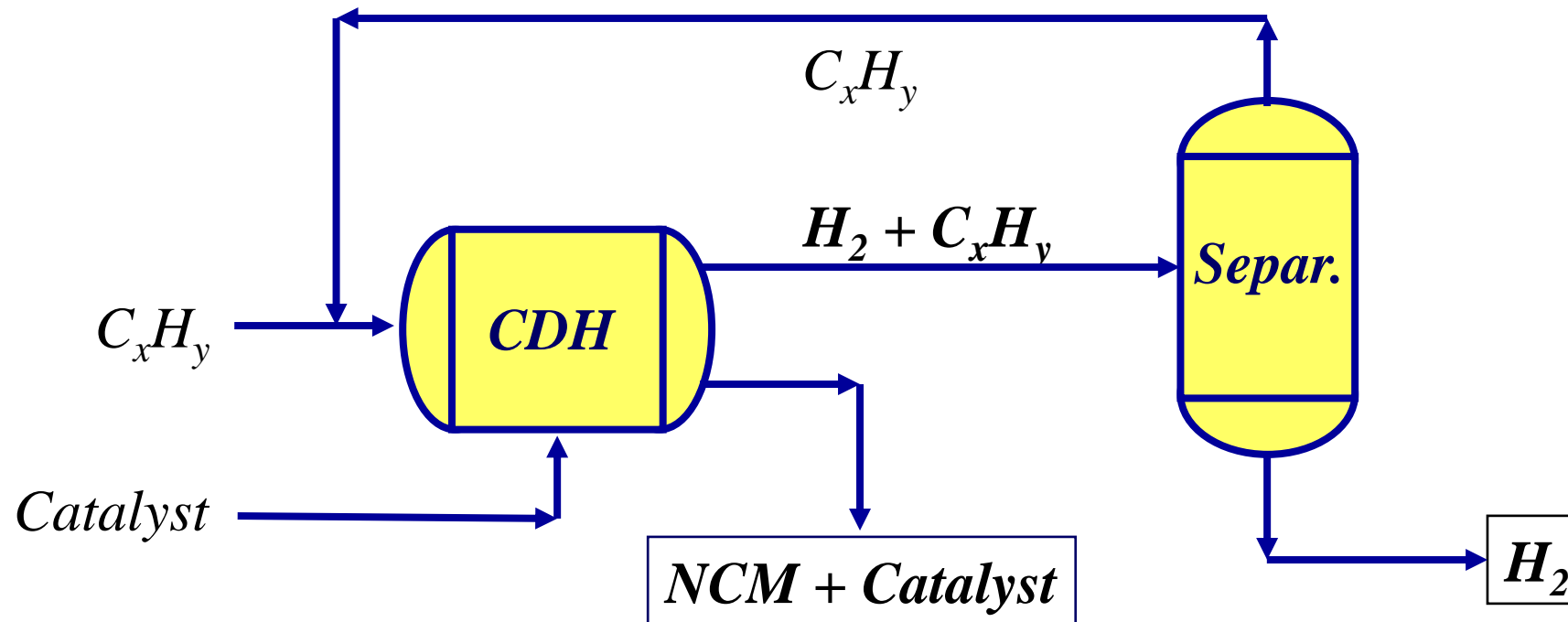
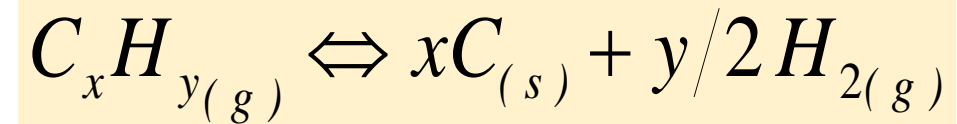
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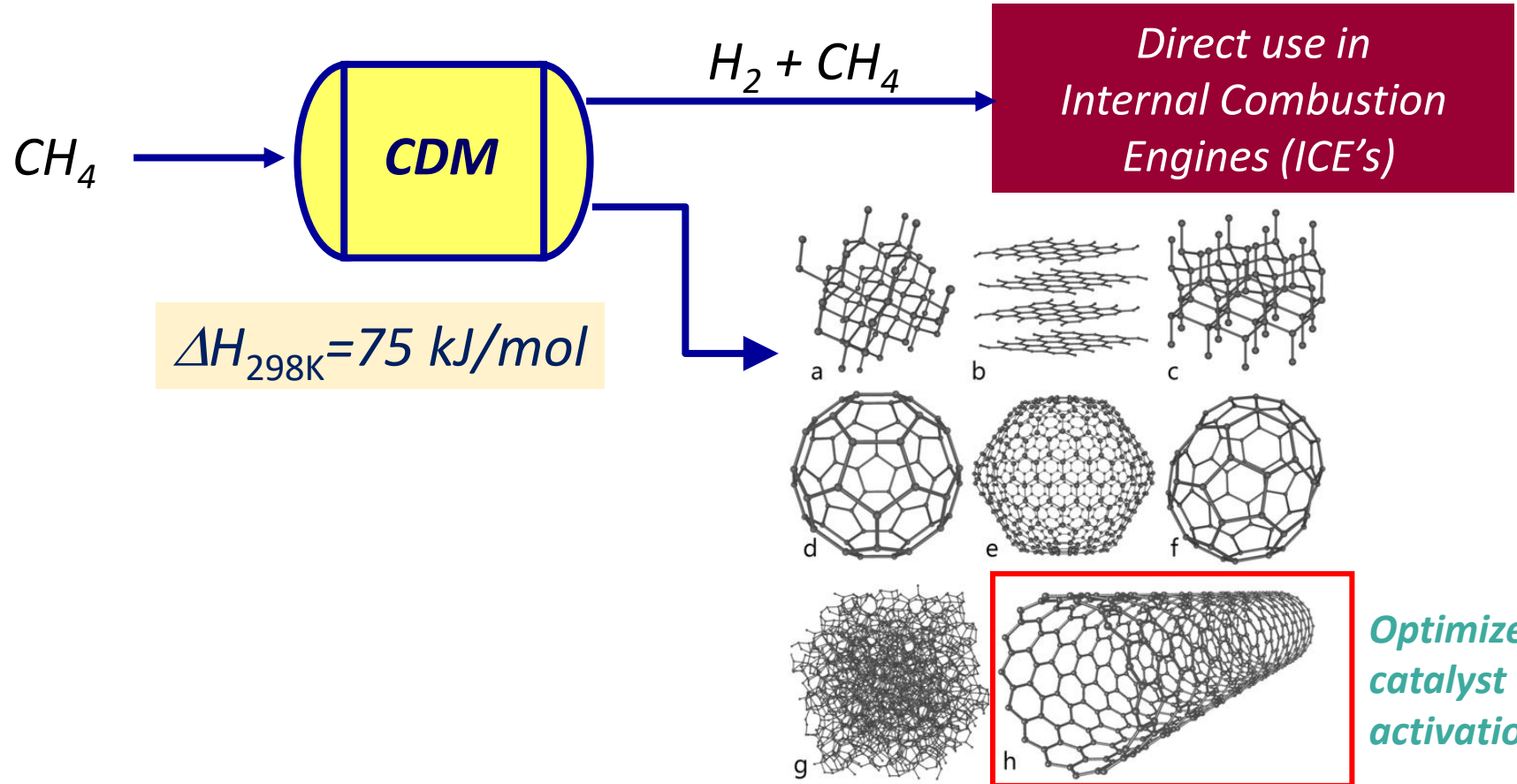
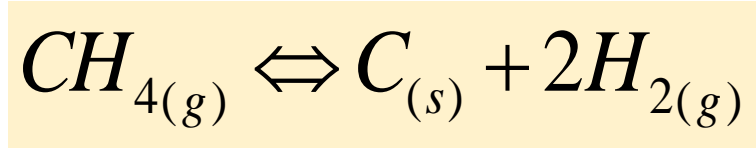
Production of Hydrogen and NCM

Catalytic Decomposition of Hydrocarbons



Production of Hydrogen and NCM

Catalytic Decomposition of (Bio)Methane



Highlights

- ✓ *Production of Hydrogen without CO_x (CO , CO_2)*
- ✓ *Selective production of high-added value CNTs: SWCNT and DWCNTs*
- ✓ *Optimization of productivity of Fe catalyst along time.*

Thanks for your attention!

