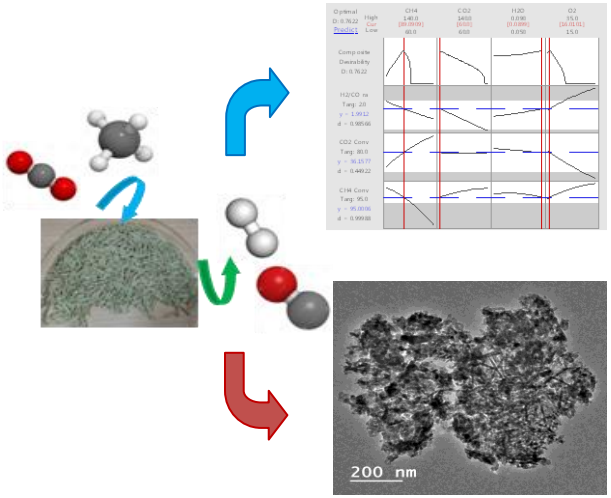
CO_2 reforming of methane for the production of Syngas

- **CO_2 reforming of methane processes such as dry-reforming, bi-/combined and tri-reforming are proposed to be the promising ways to utilize two of the main GHG's CO_2 and CH_4**

- **Addition of oxidants like Oxygen and Steam found to reduce amount of coke deposition and also energy intensity**



- **Some of the main factors limiting for development of the suitable catalysts are, deactivation by means of coke deposition and sintering of the active metal particles**

- **Coke resistant and long term stable Catalysts are desired**

- **Syngas being a versatile chemical intermediate can be used for production of a variety of fuels and chemicals through FT synthesis or Methanol route**