



(1) Typically in EUR/MW (strong implicit conditions about material prices and related volumes of primary supply markets)

(2) Consideration of the technology-specific **technical lifetime** as a prerequisite for material recycling

(3) With a very few exceptions, the amount **scrap/waste is neglected** in most energy system models yet

(4) **Material recycling**: re-usage of the available amount of scrap/waste to **meet future material needs**