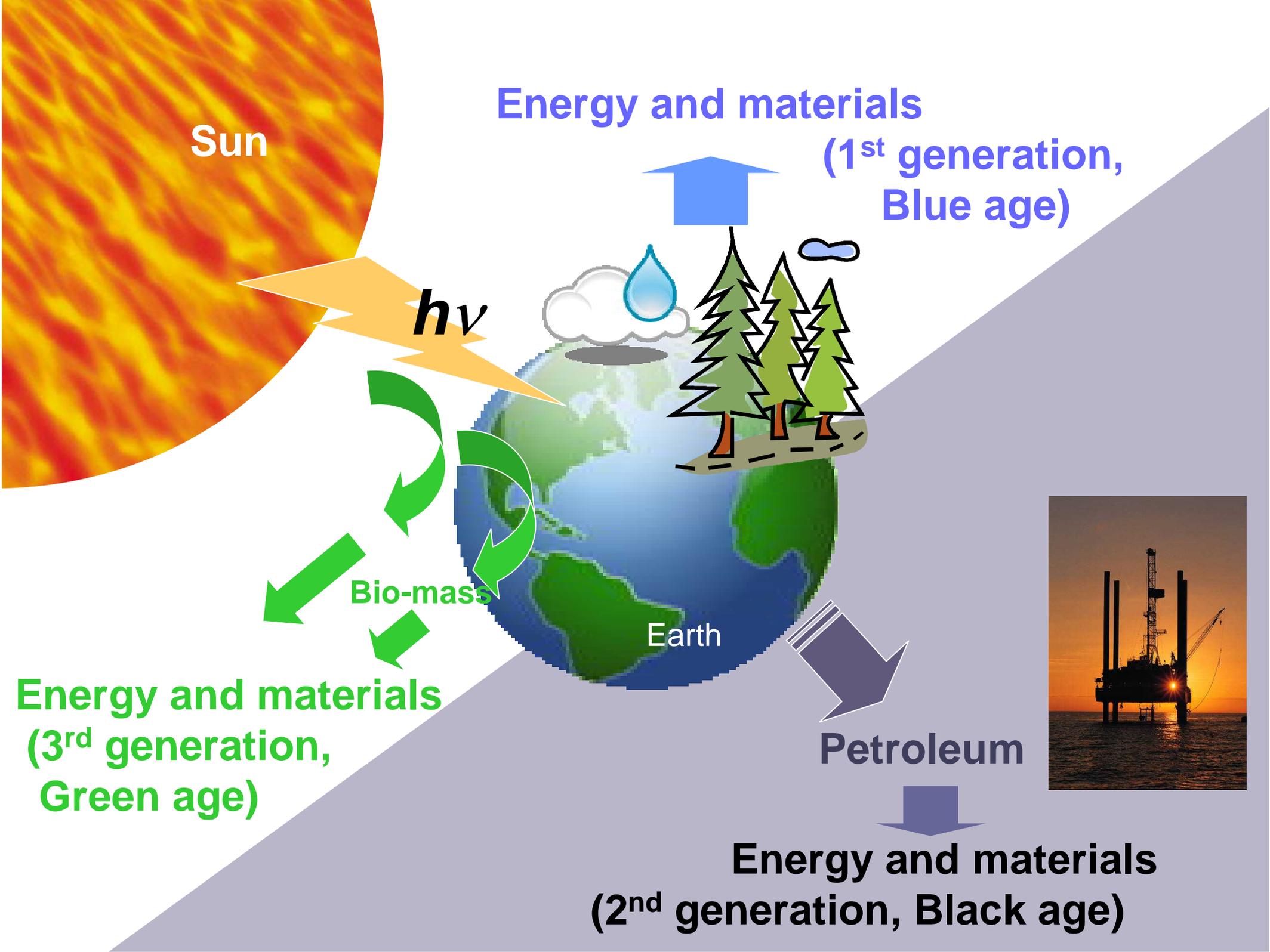




Title	セッション2. 構造的変化を導く技術革新の加速 (Engineering). まとめ
Author(s)	上田, 渉
Citation	サステナビリティ・ウィーク2008 オープニングシンポジウム「持続可能な低炭素社会を求めて」. 平成20年6月23日. 札幌市
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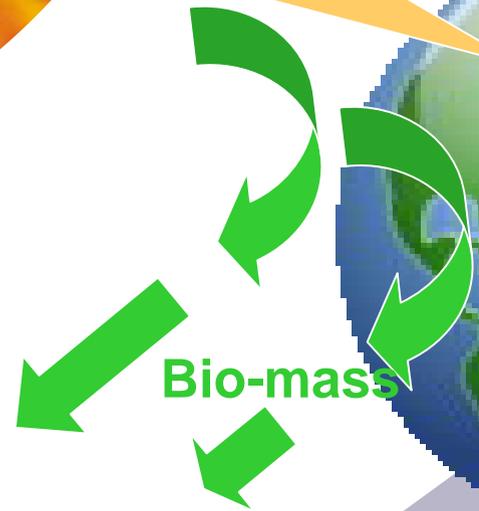
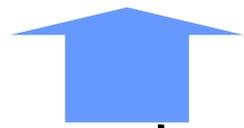


Sun

Energy and materials

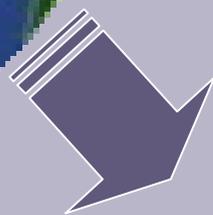
(1st generation, Blue age)

$h\nu$

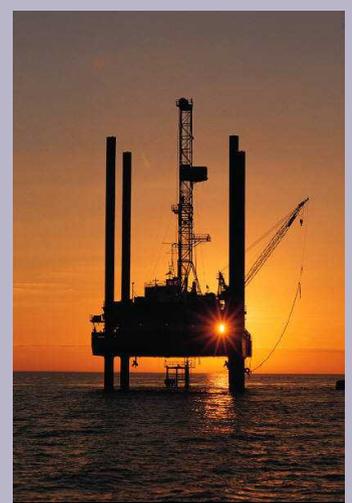


Bio-mass

Earth



Petroleum



Energy and materials
(3rd generation, Green age)

Energy and materials
(2nd generation, Black age)