



**The circular bio-based economy and the
sustainable development**

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Biomass is a main pillar of the circular bio-based economy, a concept gaining significant interest. The circular bio-based economy prioritizes the cascading use of biomass while considering resource quality and value optimization. Various products, ranging from high volume and low value energy, heat and fuels to high value and low volume pharmaceutical and fine chemicals could be generated when applying this concept. The driving forces for the development and implementation of the circular bio-based economy are in line with the sustainable development principles. The objective of this talk is to discuss the circular bio-based economy concept and its implementation. Its contribution to the achievement of sustainable development goals will also be addressed.