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Towards Total Economic Valuation (TEV) of Pastoralism in Chad

(Abstract of the poster presented)

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The prevalent multi-functionality of pastoral systems should be so far addressed through their TEV (Kr tli, 2014). Supported by the PREPAS⁷, we take this process one step further by valuing the production of Chadian pastoral households for their own consumption.

A socioeconomic database collected in 2015 from 476 households allows comparison between relevant income indicators and a survival threshold of 384 SD/person/year tabulated as lateral thinking of poverty traps.

Livestock monetary incomes insufficiently satisfy 61 of vital needs while additional income diversification permit to reach at most 63 . By integrating the self-consumption, households ensure their food security.

Pastoral systems support different functions as income generation, work force for diversification and food security. The provisioning of other services from pastoral systems are themselves insufficiently measured (biomass production, biodiversity, water cycling, social impacts). That will be the next phase.

⁷ The PREPAS (Projet de Renforcement de l'élevage pastoral dans le Batha, le Wadi Fira et l'Ennedi in French), which aims to strength pastoral farming in the regions of Batha, Wadi Fira and Ennedi. Funded by the Swiss Cooperation for 3 phases of 4 years, the first phase of this project is implemented since 2014 by CA 17 through a consortium constituted by CIRAD and COSSOCIM with a strong partnership of IRED.