

# Environmental impact of growing young stock using LCA approach: an example with data recorded at ANAFIBJ genetic

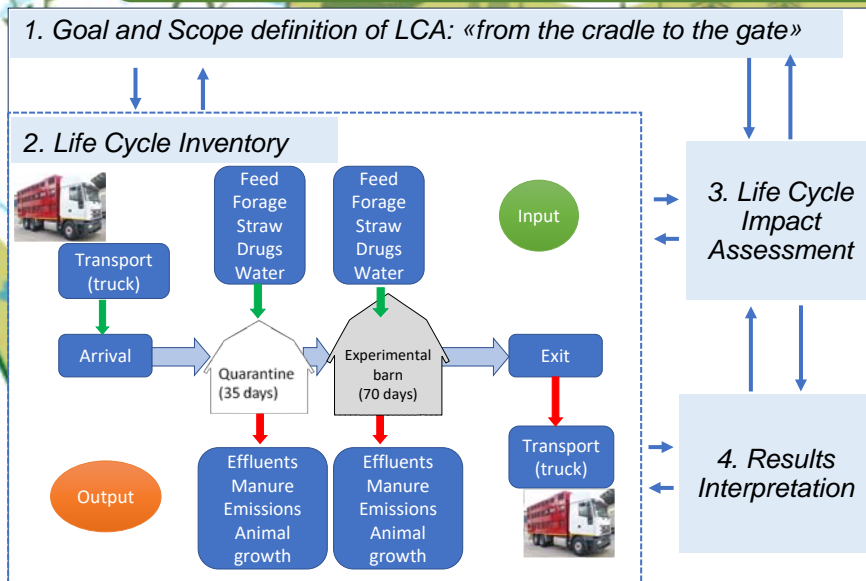
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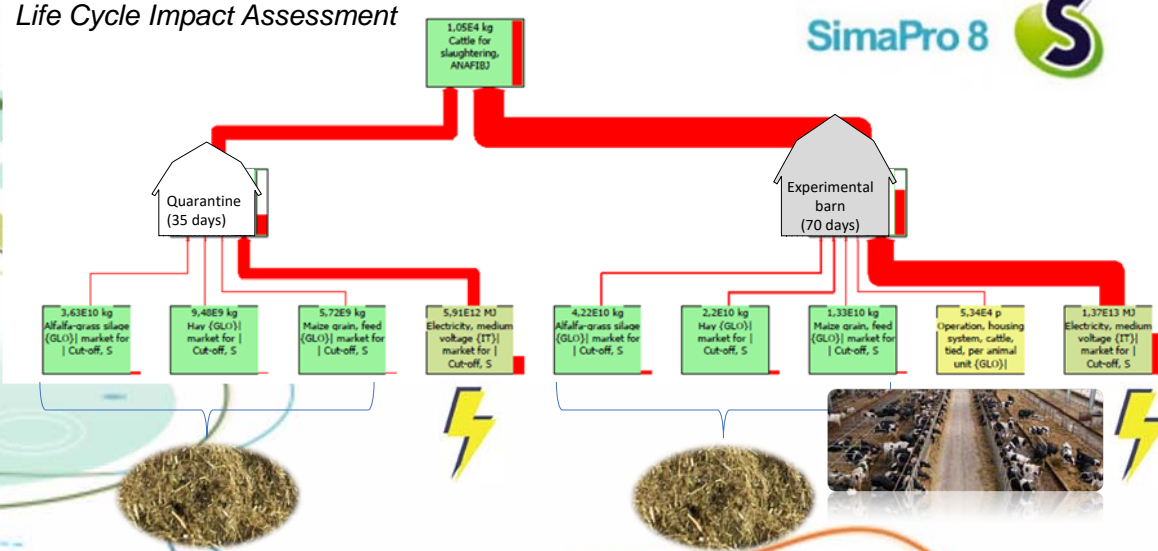
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**Aim** of this study was to evaluate environmental impact of the genetic centre's activities of ANAFIBJ (National Breeders Association of Holstein, Brown, and Jersey, Cremona, Italy) using a LCA approach.



## Life Cycle Impact Assessment



## Conclusions and changes made during last years:

1. Experimental barn → higher impact (longer period and heavier animals)
2. Energy: category with the highest environmental impact
3. Changes → Reduced the period of stay in the barn (from 104 to 50 days: positive consequences on manure produced); forage supply from a close farmer.
4. CO<sub>2</sub> emission were reduced of 30% as well the Nitrogen and Phosphate.