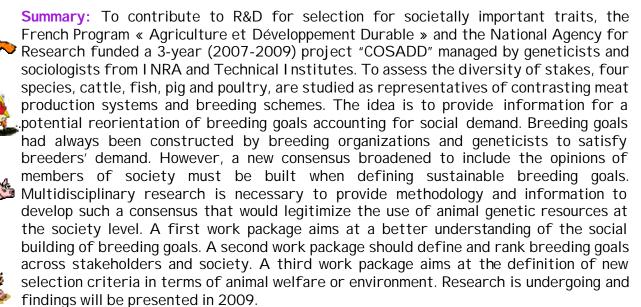
COSADD: a multidisciplinary research program for sustainable breeding goals and selection criteria

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COSADD project aims to integrate the three pilars of sustainability – economy, ecology and ethics – in Livestock Breeding Goals and Selection Criteria (BG&SC). To fulfill such an aim, 19 tasks (T) are realized within four work packages (WP) whose names and coordinators are indicated below.

WP1- P.B. Joly (I NRA)

Social building process of BG&SC

T1: methodology

T2: animal welfare

T3: environmental impact

T4: flexibility of breeding schemes

WP2- A.C. Dockès (Institut de l'Elevage)

Identification of BG&SC and multi-actor hierarchy

T1 to 4: stakeholder interviews T5: environmental economy T6: civil society interviews

WPO- F. Phocas (I NRA) **Scientific animation**

T1: critical reflexivity & knowledge managment

T2: report on economy and selection states for animal production branches

T3: bibliographic workshops

T4: synthesis of stakeholder interviews

T5: final seminar for breeders' & scientists' communities

WP3 - S. Grasteau (INRA)

Defining new selection criteria

T1 : cattle docility T2 : fish stress

 $T3: chicken\ excretion\ of\ minerals$

T4 : pig excretion of minerals



Clarifying Breeding Goals & Selection Criteria between scientists, stakeholders and society



Elaboration of consensual goals among society and animal production branches



Development of new selection criteria : trait definition, heritability, G x E interactions













