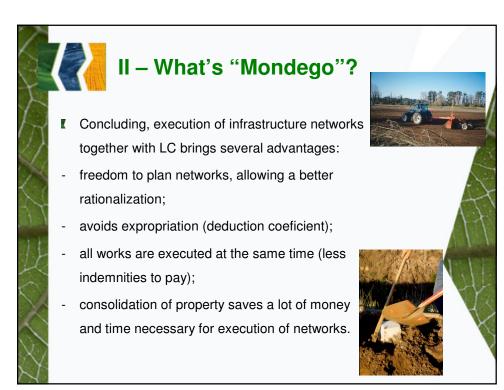
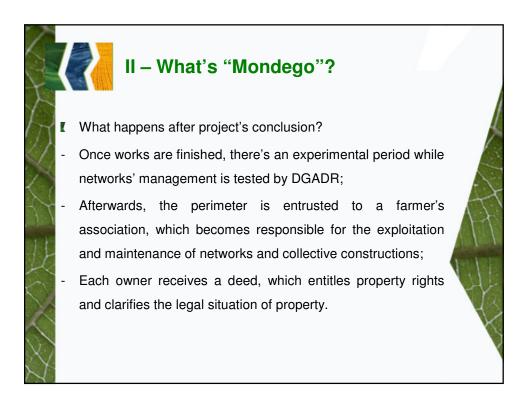


II – What's "Mondego"?

- Investment (about 5.500 ha):
- secondary networks
 - . irrigation: 18.953.500 €
 - . drainage: 1.871.000 €
 - . rural roads: 6.272.600 €
- total costs (considering secondary networks, leveling and other soil works, indemnities): 42.800.000 €



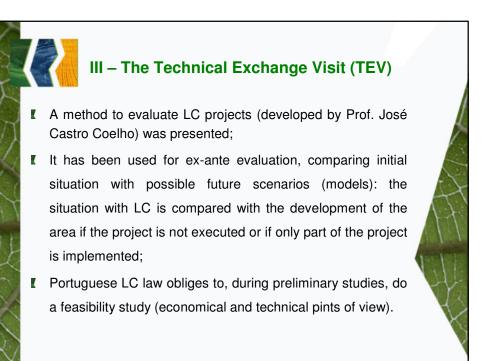




II – What's "Mondego"?

- Impacts:
- . physical and economical dimension of farms increased, especially the ones belonging to farmers who have a entrepeneur spirit;
- . farmers gained freedom to adopt other agricultural systems and crops (like vegetables, for example);
- . the number of farmers with higher education increased;
- . the number of younger farmers also increased;
- . land market was activated and land prices became higher.

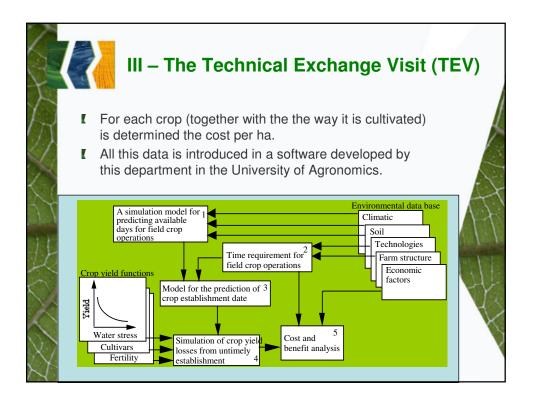




III – The Technical Exchange Visit (TEV)

For each model, the changes caused by project execution and the effects of these changes on economical and (a few) social aspects (not environmental).

I An inquiry and interviews to farmers (a representative sample) to characterise present situation and perspectives of future developments: the farmer and his family, the farm and parcels, projects for the future, opinion about LC and about related aspects.



III – The Technical Exchange Visit (TEV)

Five main categories of estimations, before and after LC execution: (1) available days for field operations (related to improvements in drainage system); (2) time required for crop operations (changes in technology and farm structure, road quality and distance between plots and farm buildings); (3) crop establishment date (changes in the available days and time required for field operations); (4) crop yield losses (related to main environmental and technological limitations);(5) CBA at crop, plot, farm and LC levels.

III – The Technical Exchange Visit (TEV)		
I lt was used once in a ex-p	oost evaluation of a	LC project:
Evaluation of model performance (with LC)	Estimated by the model in 1992 (e <i>x ant</i> e analysis)	Observed after LC conclusion in 1995 (ex post analysis)
Sample area	65.5	73.5
Number of farms in the sample	29	29 + 2 = 31
Average farm size	2.26	2.37
Average parcel shape coefficient	1.13	1.11
Average number of parcels/farm	6.2	5.4
Average parcel size (ha)	0.37	0.52
Road quality coefficient	1.10	1.13
Average parcel distance to farmstead (m)	834	717
Uncultivated area (%)	1	1
Regional maize area (%)	4	1
Hybrid maize area (%)	66	59
Vineyard area (%)	29	33
Potato area (%)	0	6
Annual labour income with LC (1000 esc. ≈ 5 €)	426	540
Benefit Cost Ratio	1.55	2.42

