

POLYTECHNIC OF TORINO
FACULTY OF ARCHITECTURE 1
Degree in Eco-compatible Product Design
Honors theses

Analysis of Ecodesign degree: the point of students' view

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The swiftness of the market's changes with the high necessity toward nature, asks design interventions more complex.

In this situation we can't ask to one designer to develop all the design's iter alone, because one designer can't have specific knowledge about different fields, then we need foreign helps from people ready to share their knowledge.

We have a lot of difficulties: the fear to face unknown area for designer, the investment for companies to involve more people in the design process, the wish to be involved, to comunic and to compare himself with different people, who understand your works with a lot of problems.

These are some impediments that slackens ecosostenibility development, under methodological side.

The Ecodesign's course want offer an instruction for a future designer's generation, to be able in this complexity situation.

To solve these difficulties and develop a ecosostenibility design, the course of Ecodesign creates teams of work, with expert from different field, involved in a top project.

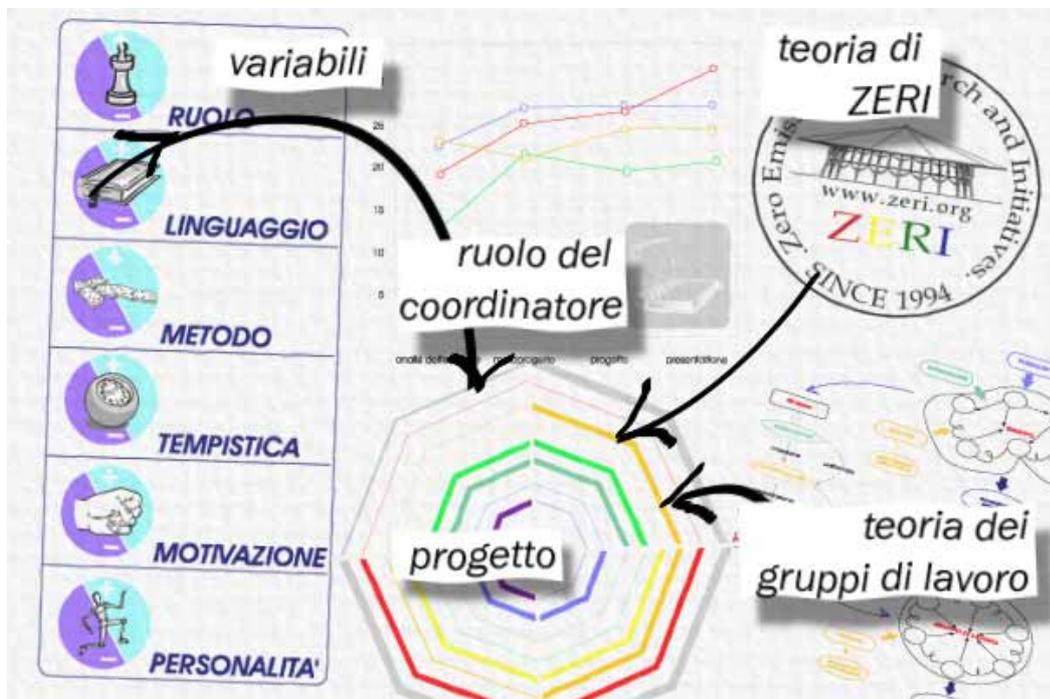
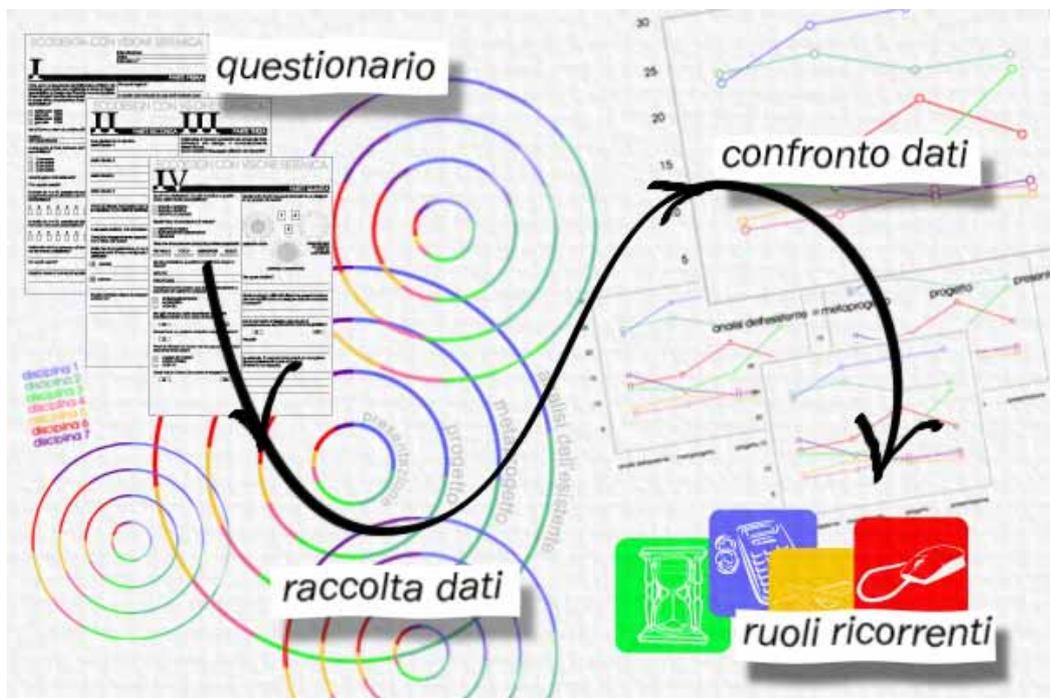
Every team has a lot of members involved in the project, developed by students, with consultant functions.

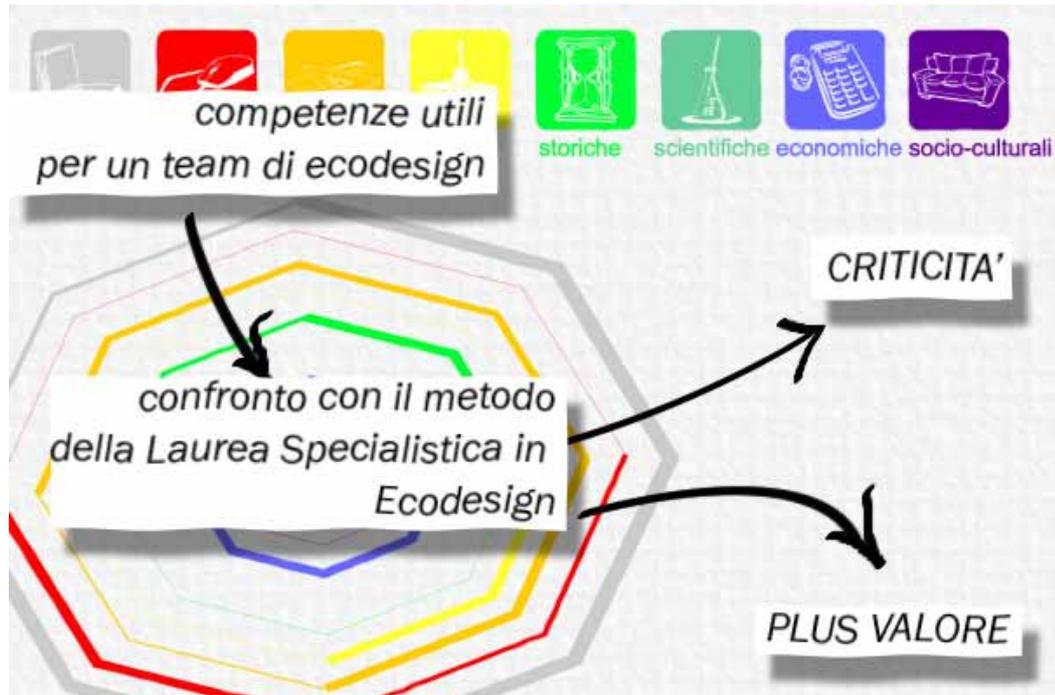
This is a new teaching and working system, then we need a critical examination of the educational system to have benefits and disadvantages, to improve and modify the work team for a better future develop.

The main purpose of Ecodesign course is teaching to students to work in a team: a new determinant aspect of system design.

For students, this course's organization, is very stimulating because students can be part of the work's team, respecting teacher's authority.

A work's team like this is constantly able to improve also teachers, who share their knowledge teaching their doctrine, but also discussing with students and with other teachers about topics distant from their doctrine.





Steps per lo sviluppo dell'elaborato di tesi

Another difference between this new teacher's system and the traditional method, is the high link with work's world: constantly Politecnico of Turin signs agreements with public and private companies, with them he share technical and social philosophy. When I finish the analysis I conclude that design method must change to adapt oneself to a new economic surrounding to obtain ecosostenibility answers: the we have to develop a team design system.

We have to remember the double face of teams: on one side team is a social institution for benefit purposes, for example to have advantages for all components, to control power distribution, to share knowledge or to diffuse beliefs. On other side a work's team is a people community interacting each other to build links, to help each other and to give significant to our activities.

A work team has to be a self-generated network with border in the organization but open to material and energy flood.

The ecodesign principles reflect principles that nature develop to support "life network". This new working method wants we learn by nature all the solutions to our problems.

The new Ecodesign, like industrial system, has to be circle and not linear. Different team's components are sources moving into a "work's team system".

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