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PUBLIC-PRIVATE JOINT EFFORTS TOWARDS RIO+20

ROME, 27 OCTOBER 2011

Moving towards green economy:
green jobs and social inclusion

Raimondo Orsini

Fondazione per lo sviluppo sostenibile



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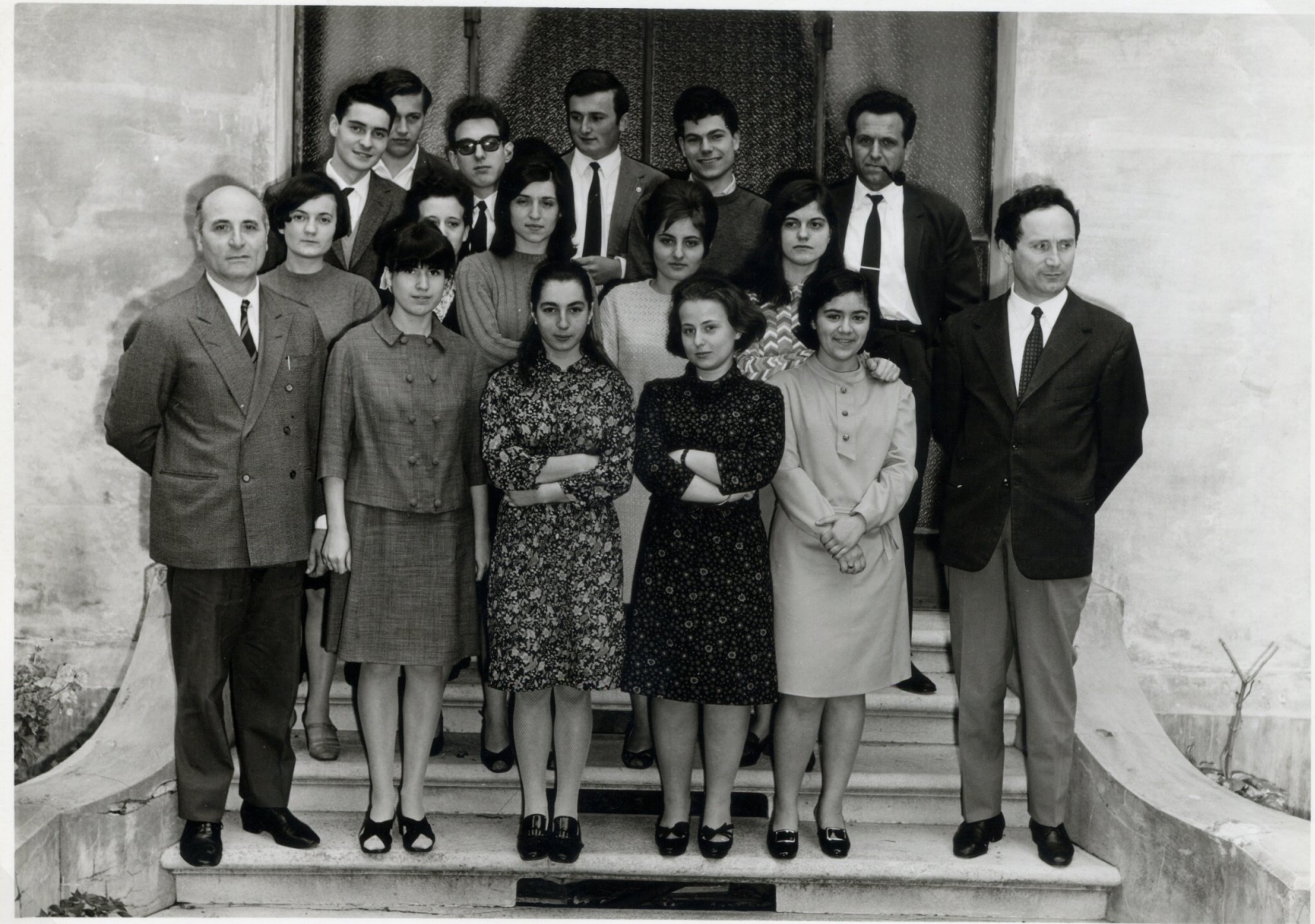
“We are in the middle of the revolution of green economy”. But.....

What is a revolution?



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A classroom in 1967





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A classroom in 1969





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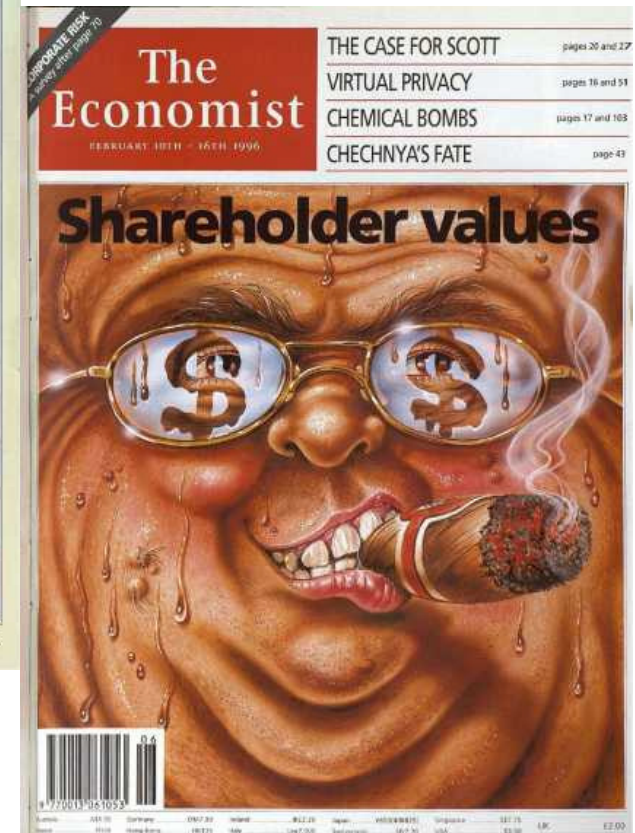
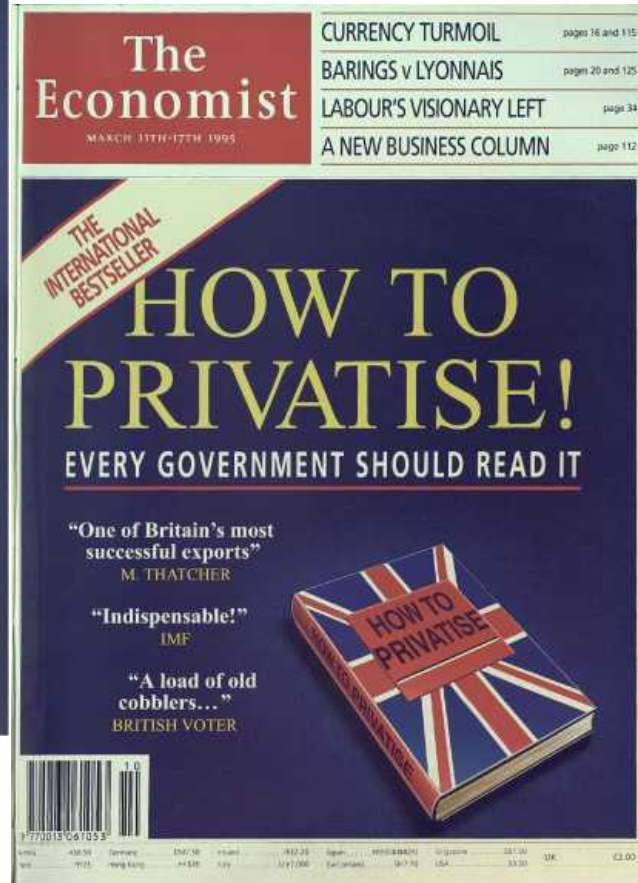
A music band in 1966





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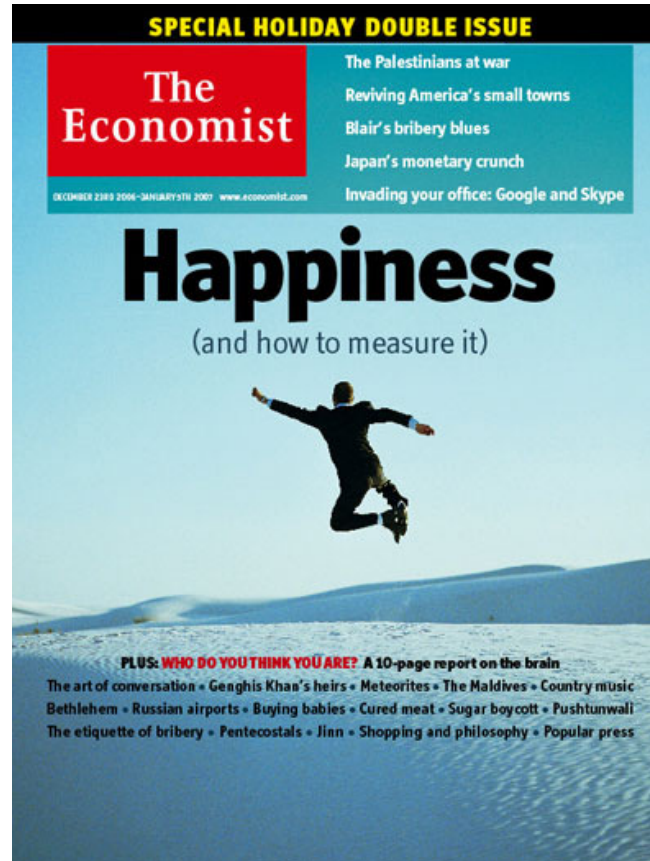
The revolution of business





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The revolution of business



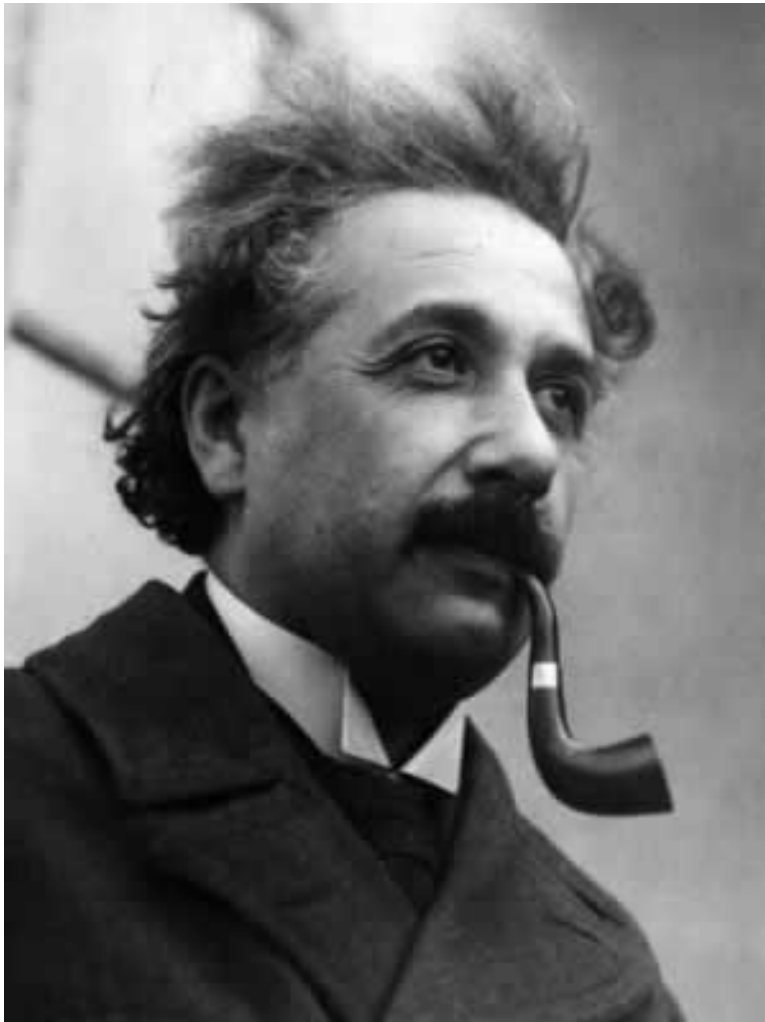


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**Can the green economy offer an exit
strategy to the crisis?**



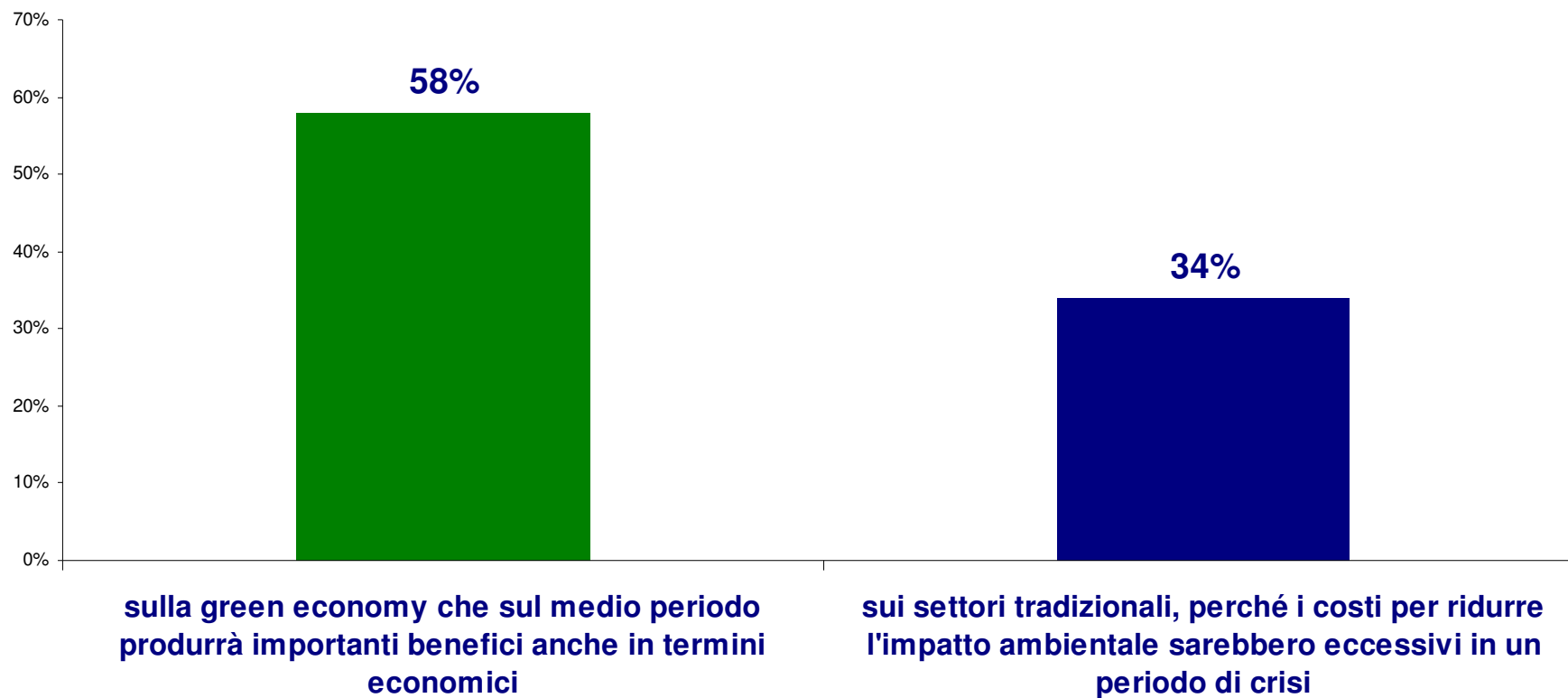
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“Problems can’t be solved by using the same mentality that has created them”

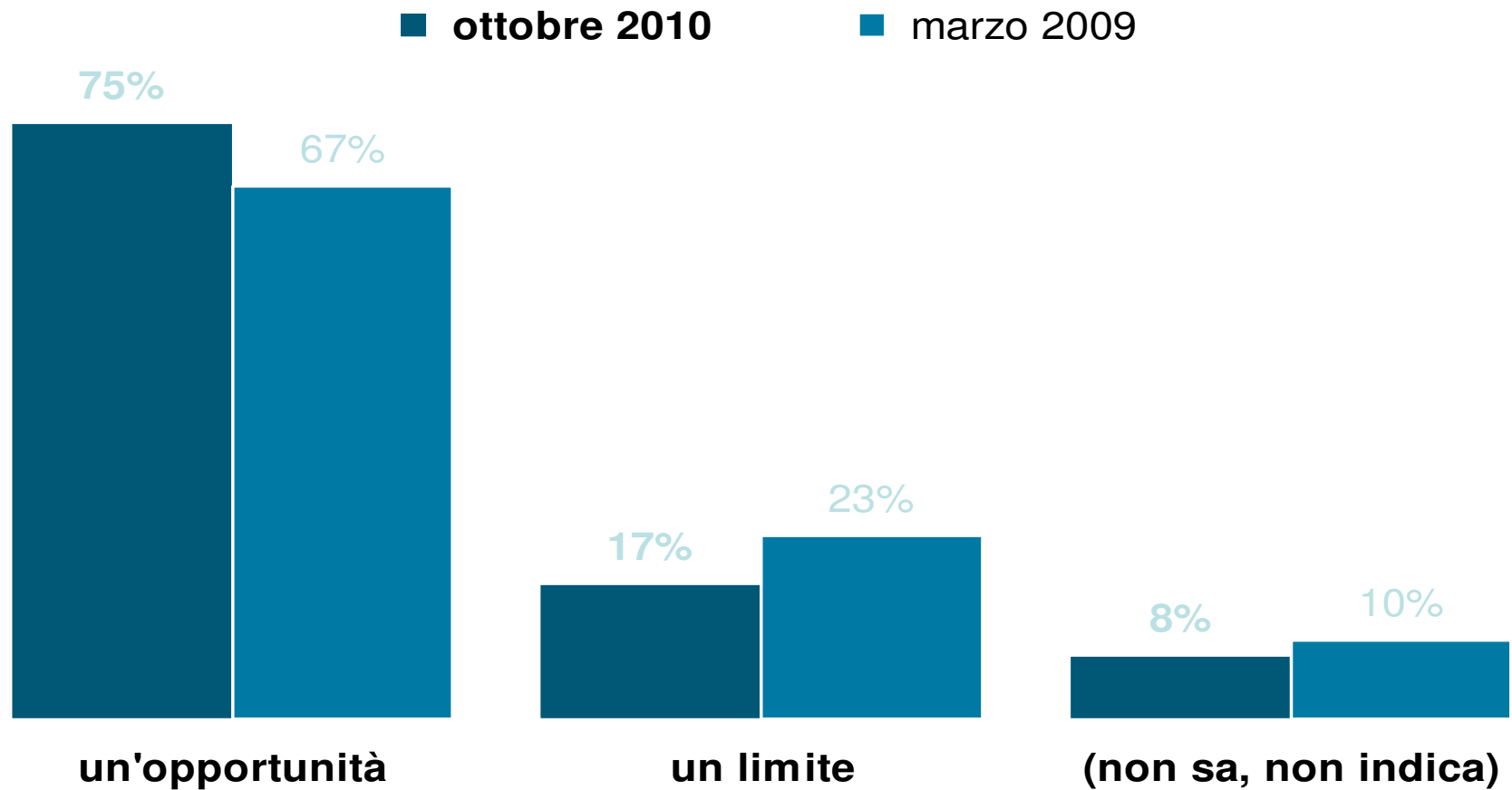


For the future of the country would you bet more on “green economy” or on traditional economy?





Ecology and economical crisis: a cost or opportunity?



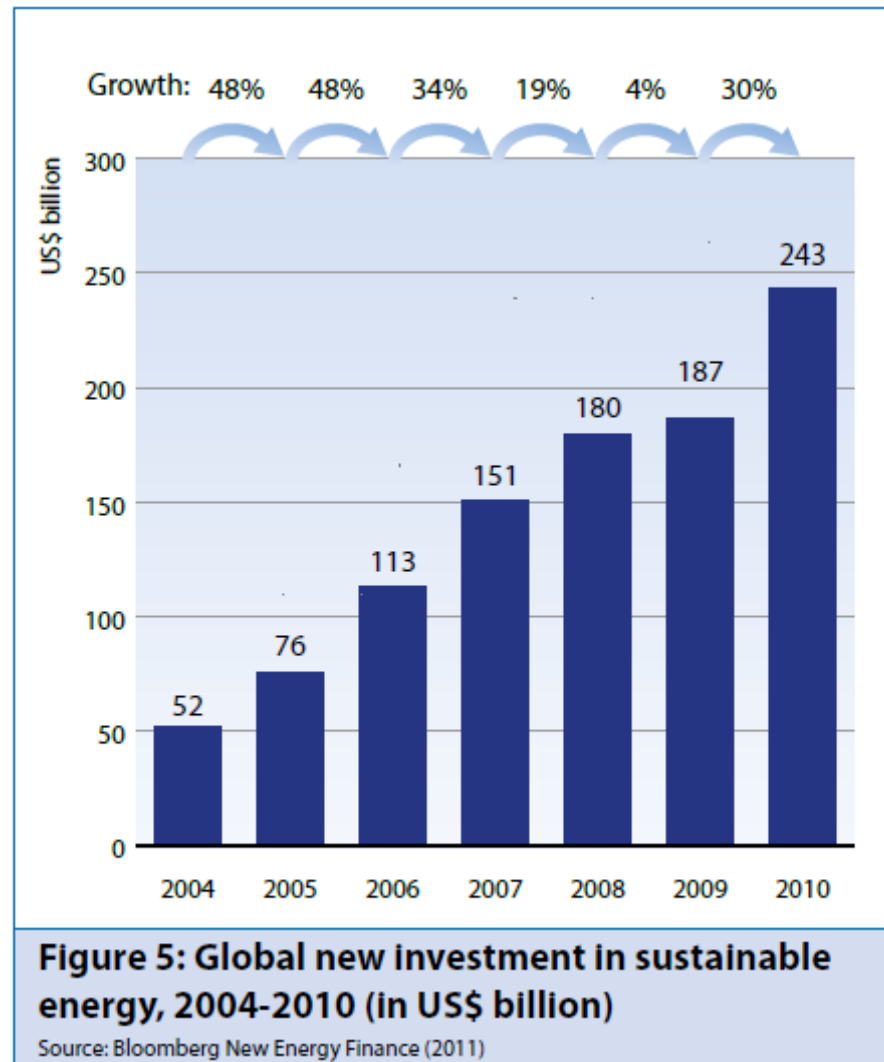
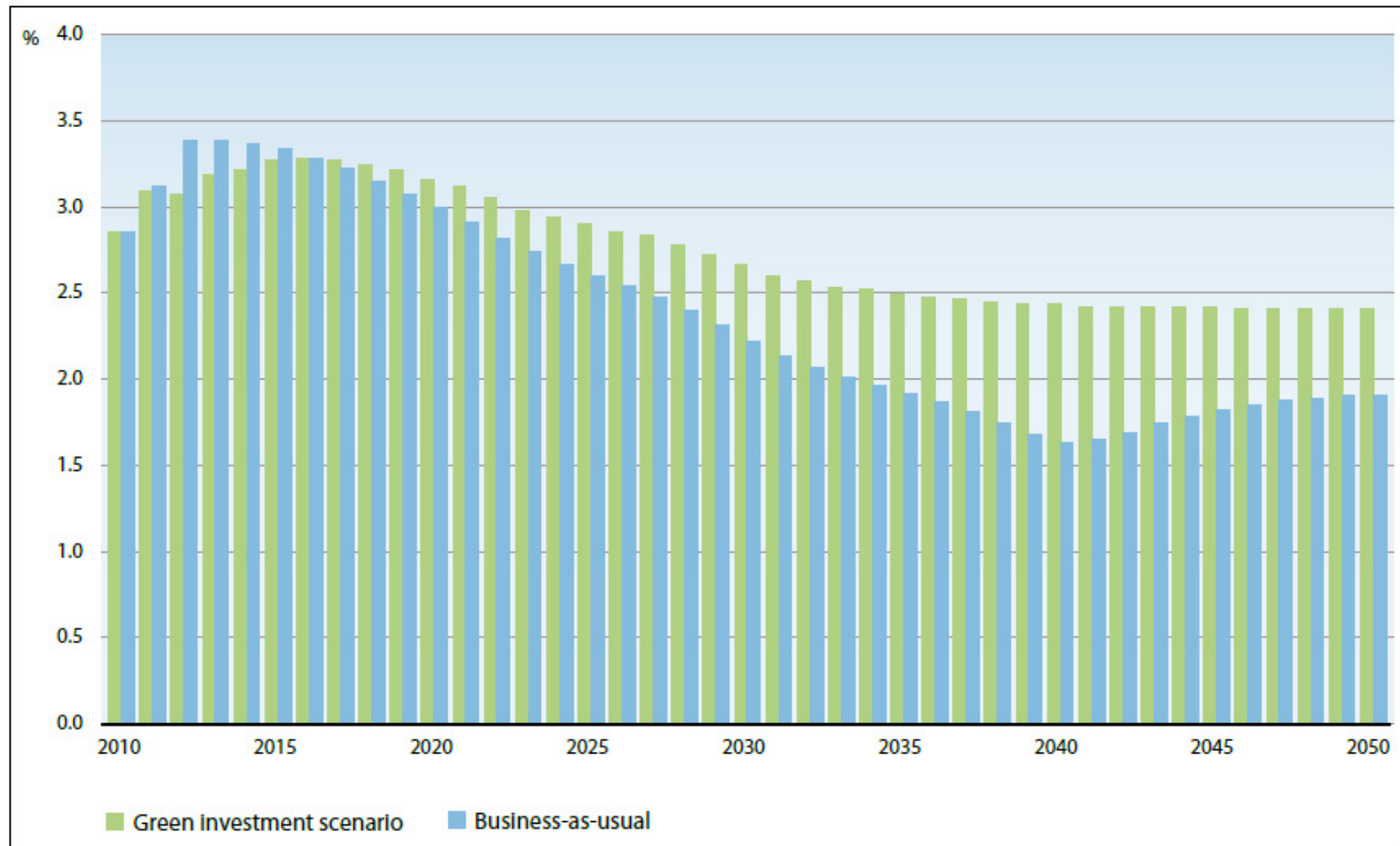




Figure 9. Projected trends in annual GDP growth rate.





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“There can be no wind in favor of a sailor who doesn't know where to go”

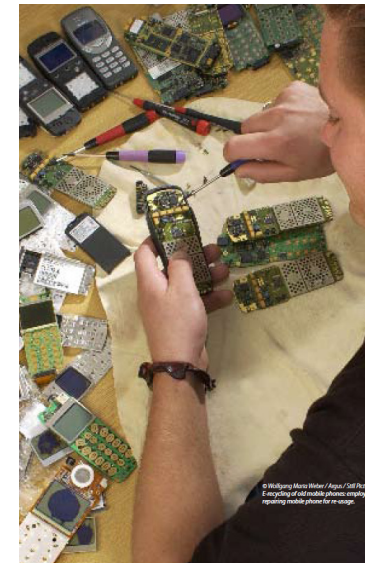




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Green jobs and social inclusion: myth or truth?





Employment and CO₂ emissions of the sectors covered by the study

	Current employment (.000, UE-25)	Share of total employment UE-25	CO2 emissions (% of total EU emissions)
Electricity production	800	0,2	24
Oil refineries	120	0,03	5,5
Transport	15 000	3,4	26
Steel	350	0,09	6
Cement	53	0,01	5
Construction / Housing	11 000	2,9	23
Agriculture	18 850	5	10*
Tourism	15 000	4	N/A
Insurance, finance	1 000	0,3	N/A

* Greenhouse gas emission

Source: "Climate change and employment", Wuppertal Institute and others

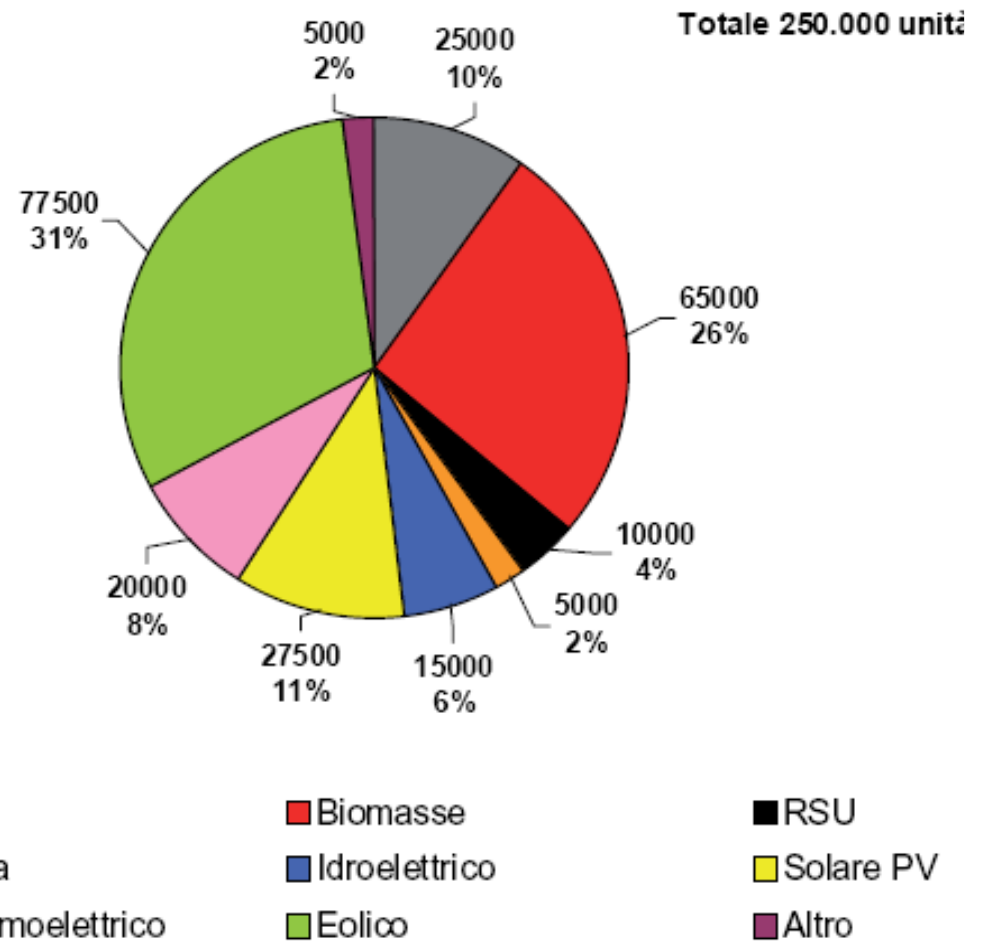


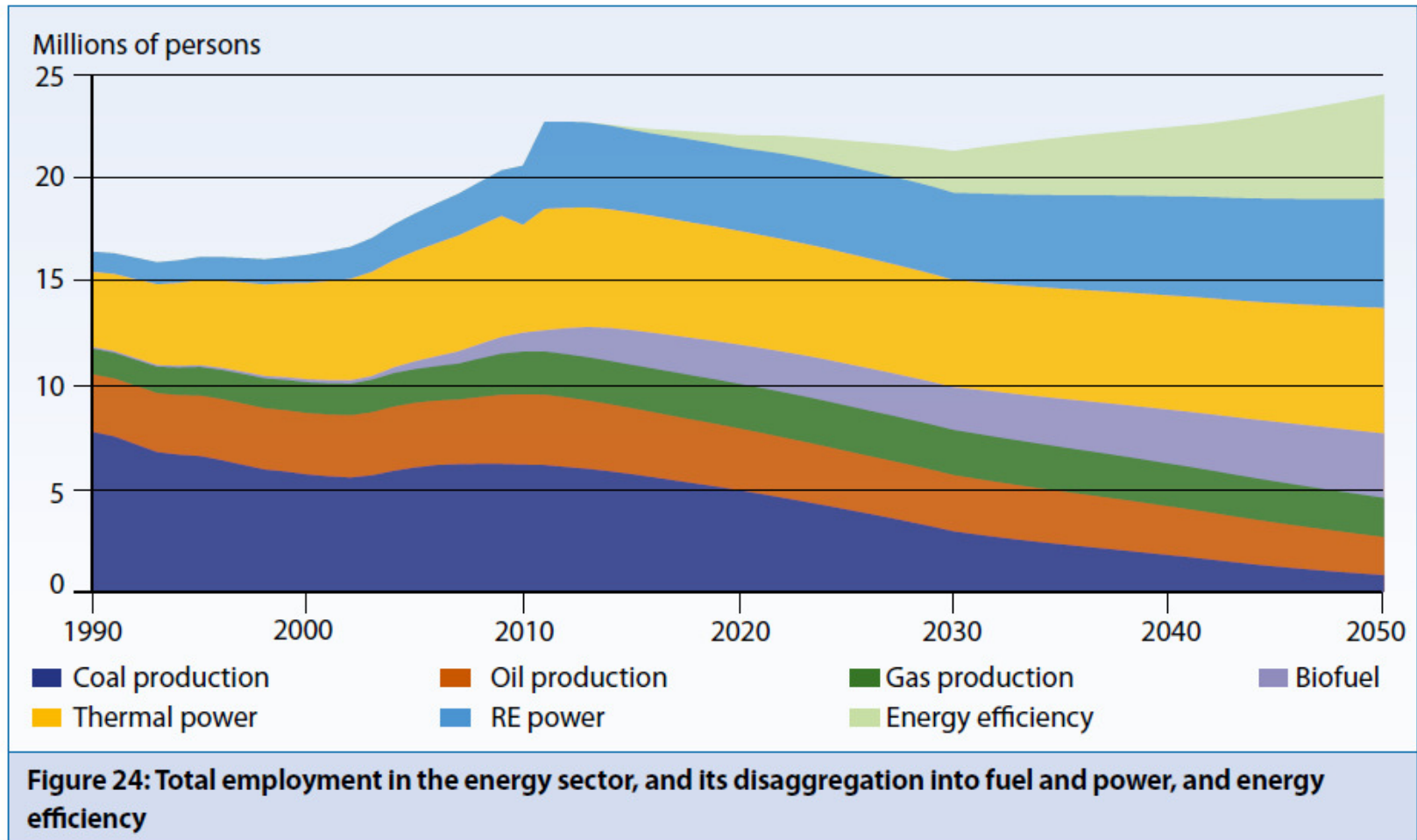
- First, in some cases, **additional jobs will be created**—as in the manufacturing of pollution-control devices added to existing production equipment.
- Second, **some employment will be substituted**—as in shifting from fossil fuels to renewables, or from truck manufacturing to rail car manufacturing, or from landfilling and waste incineration to recycling.
- Third, **certain jobs may be eliminated** without direct replacement—as when packaging materials are discouraged or banned and their production is discontinued.
- Fourth, it would appear that **many existing jobs will simply be transformed and redefined** (especially such as plumbers, electricians, metal workers, and construction workers) as day-to-day skill sets, work methods, and profiles are greened.



Occupational potential growth in Italy, linked to renewables EU target 2020

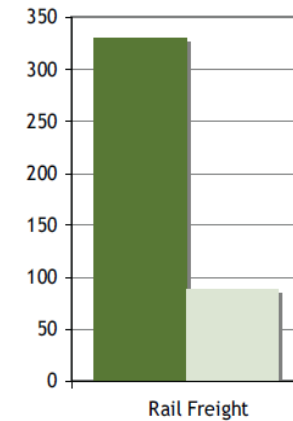
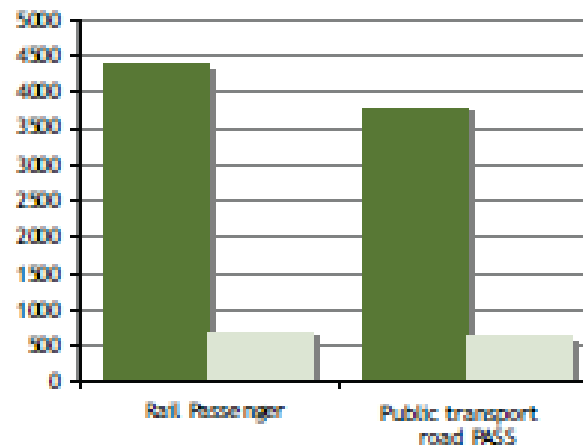
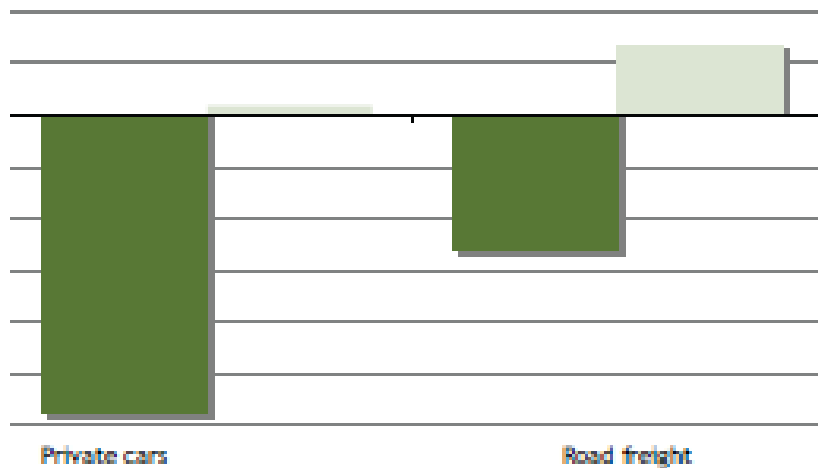
fonte :lefe-Gse 2009







Net effect on employment – Policies and measures scenarios vs. BAU scenario (difference in number of jobs)



Source: "Climate change and employment", Wuppertal Institute
and others

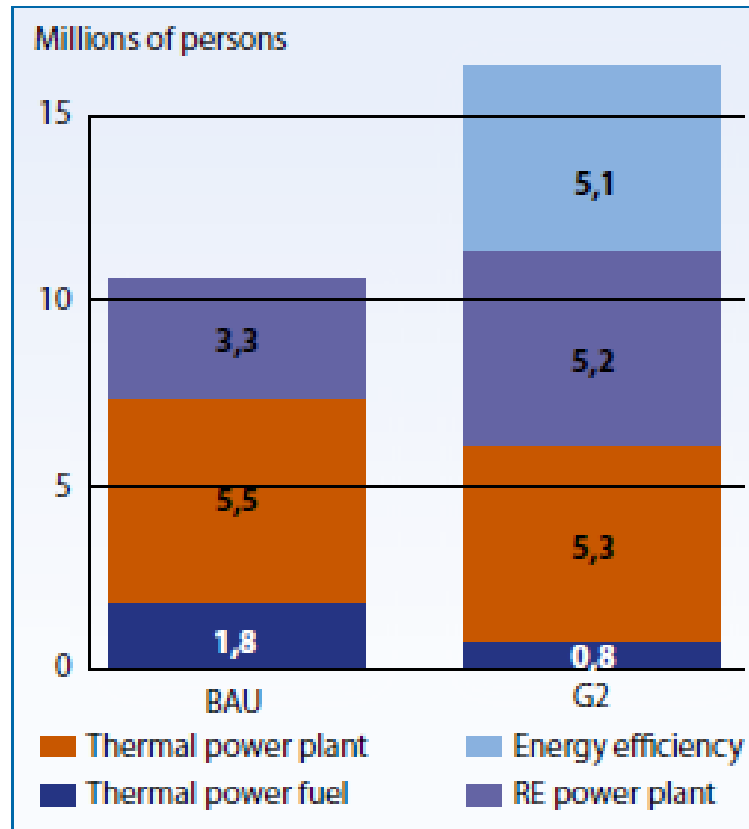


Figure 23: Composition of power supply employment in 2050 in various scenarios in power plant (in manufacturing, construction, installation and operation and management), power supply fuels, energy efficiency



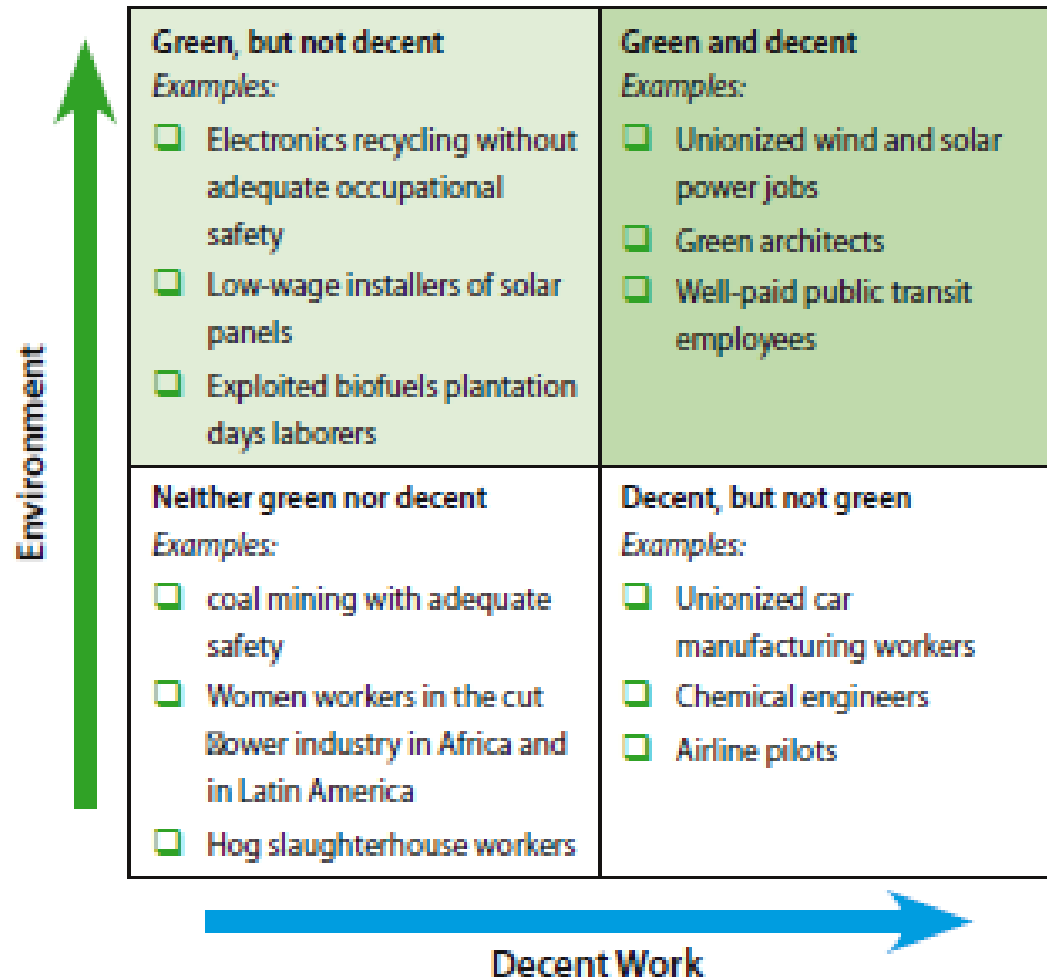
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Transformed and
diversified jobs

“Developing the job potential of a new sustainable economy”,

European Parliament resolution of 7 September 2010:

“There is no branch of the economy that can be separated off and called ‘environmental protection’ or the ‘environment industry’, since the activity of environmental protection ties in with many traditional sectors such as the manufacturing industries, the construction industry and the service industries; calls, therefore, for the adoption, as a working definition, of the ILO’s definition, according to which **all jobs which promote sustainable development are green sustainable jobs**”





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Photograph by
Merrill

Colonel
Albert Hope

1901:
500 electric cars



“.....It’s cleaner and less noisy.
Furthermore nobody will willingly
sit atop an explosion”



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Social inclusion

Grazie mille!!!

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