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Demographic Change as a Global Challenge.

Ensuring ethic and sustainable future

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The Government cannot redistribute time

...

(German Federal Ministry of the Interior, *Every age counts*,2012, p.12)

... but can help people build their future life-years

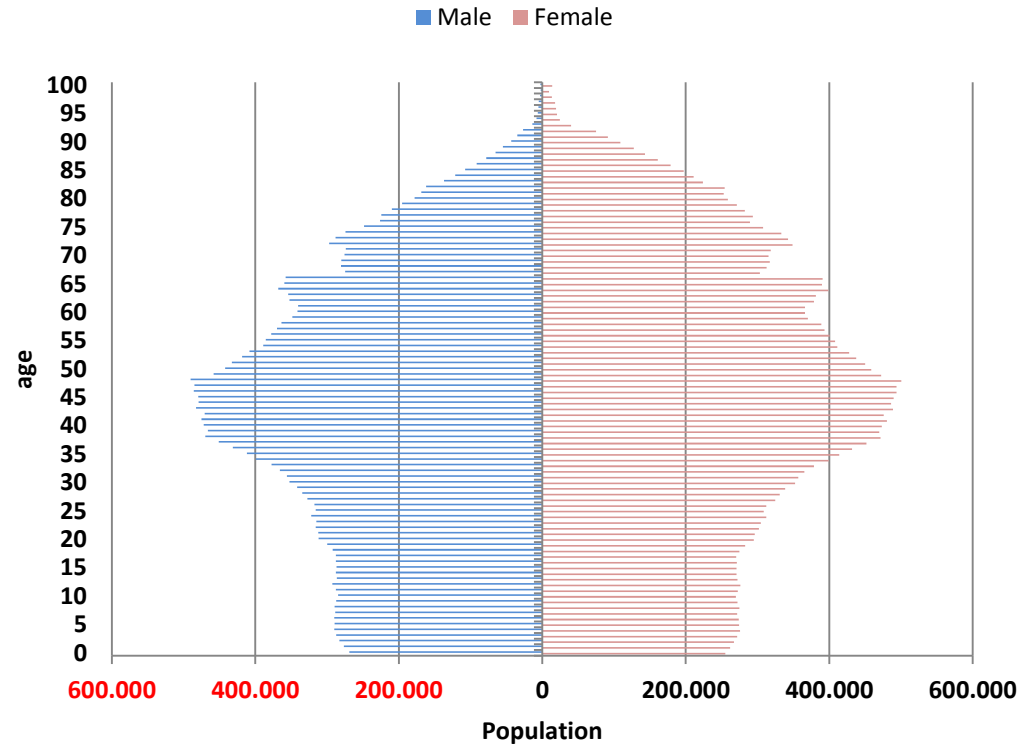
The challenge will be

To grow

the demographic asset (DA) of a population

What is the Demographic asset ?

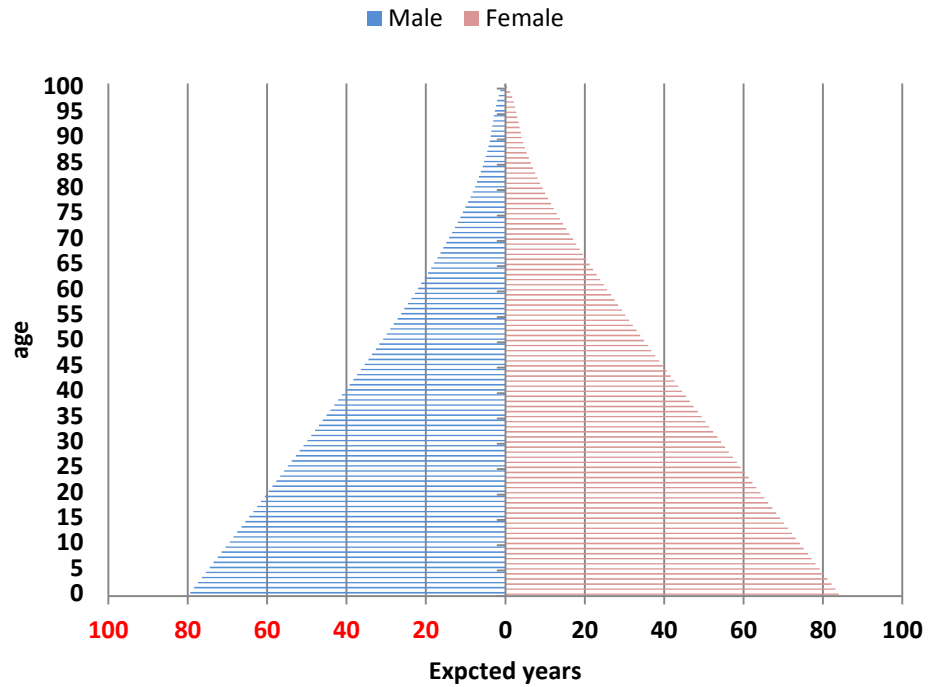
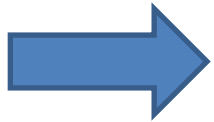
Starting from the population by age and gender at time t...



Italy : resident at 1st January 2013 = **59,7 million**

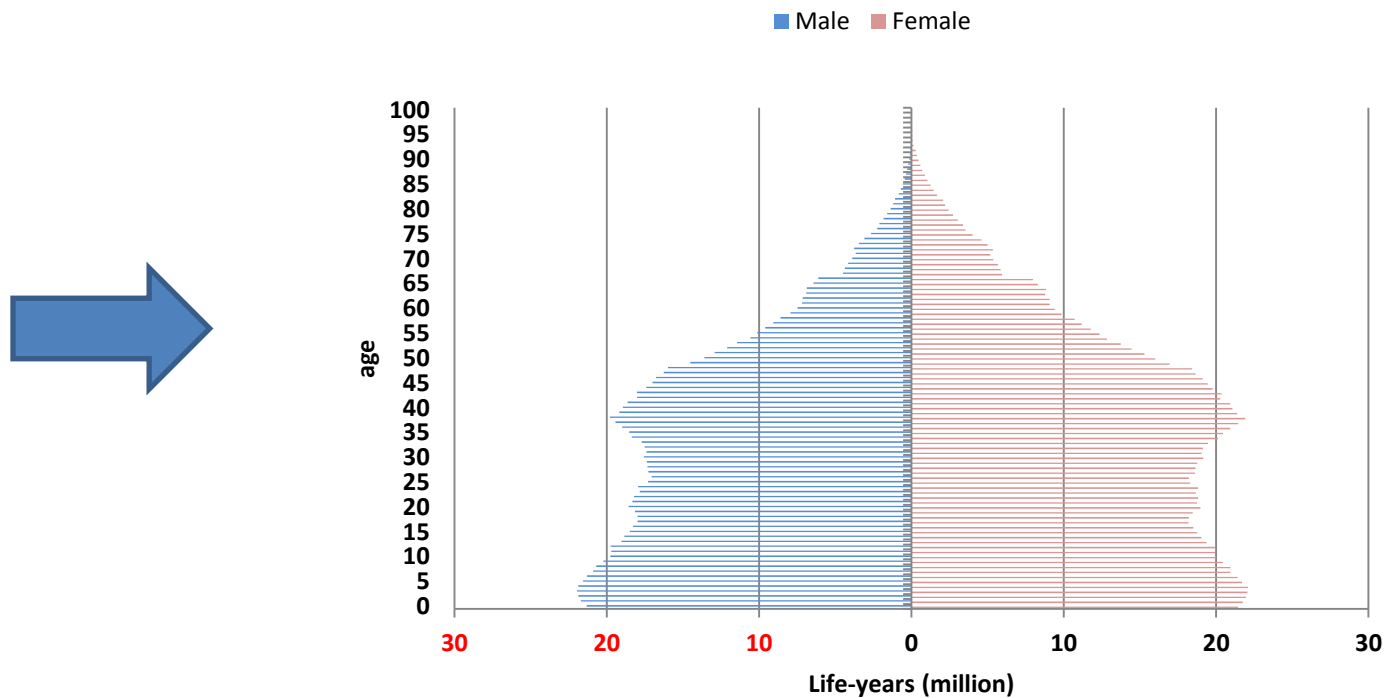
... through a convenient set of

Life expectancy at different ages (by gender)



Italy, Life tables 2012 (source Eurostat)

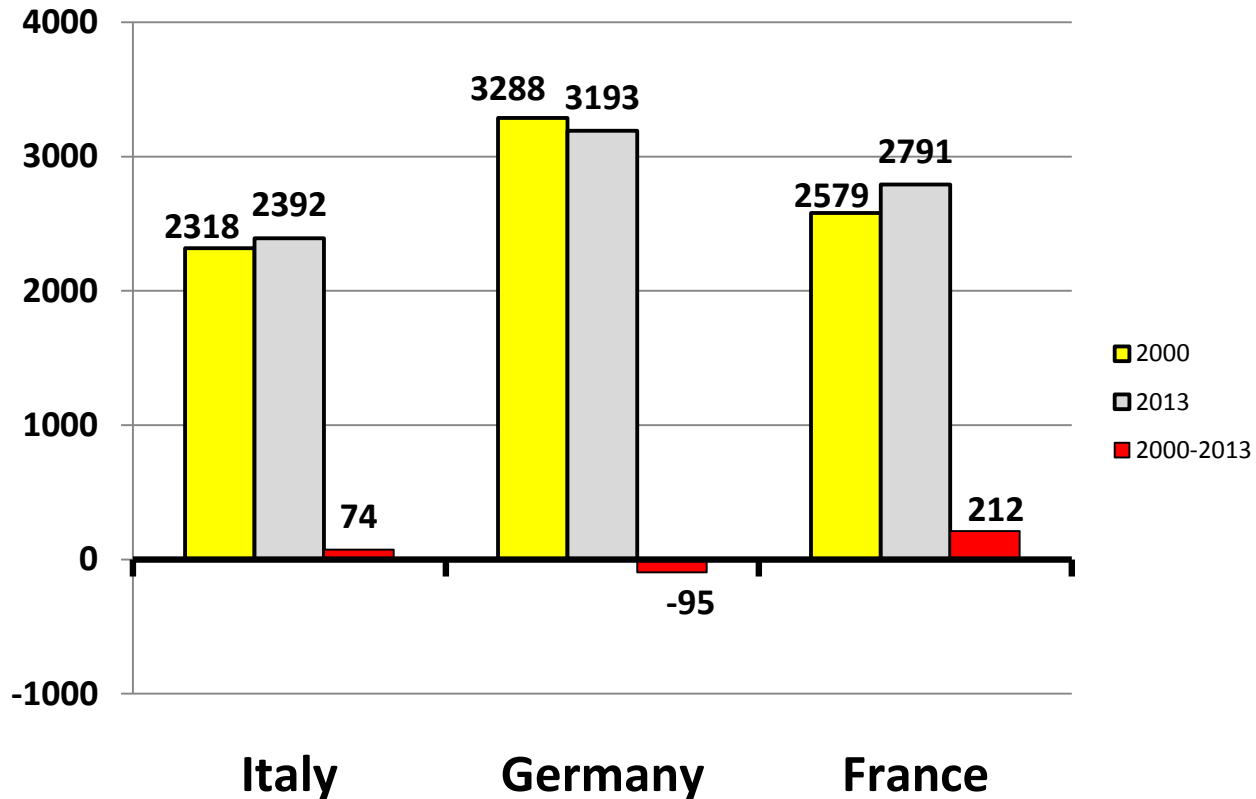
... we can compute the corresponding total of expected life-years
i.e. **THE DEMOGRAPHIC ASSET OF THE POPULATION AT TIME t**



Italy, Demographic Asset at 1st January 2013 (*) = **2,39 billion life-years**

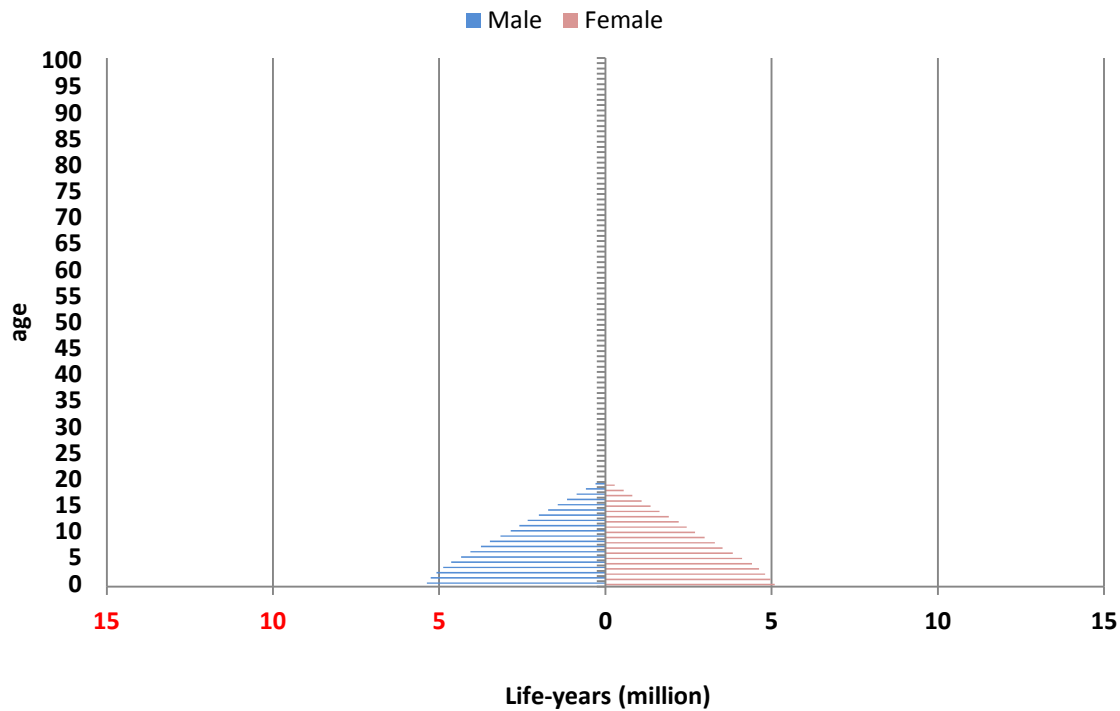
(*) according to Italian table 2012 life expectancy

The Demographic Asset 2000 & 2013 (million life-years)



The Demographic asset can also be shared into:

Expected life-years in education (*)

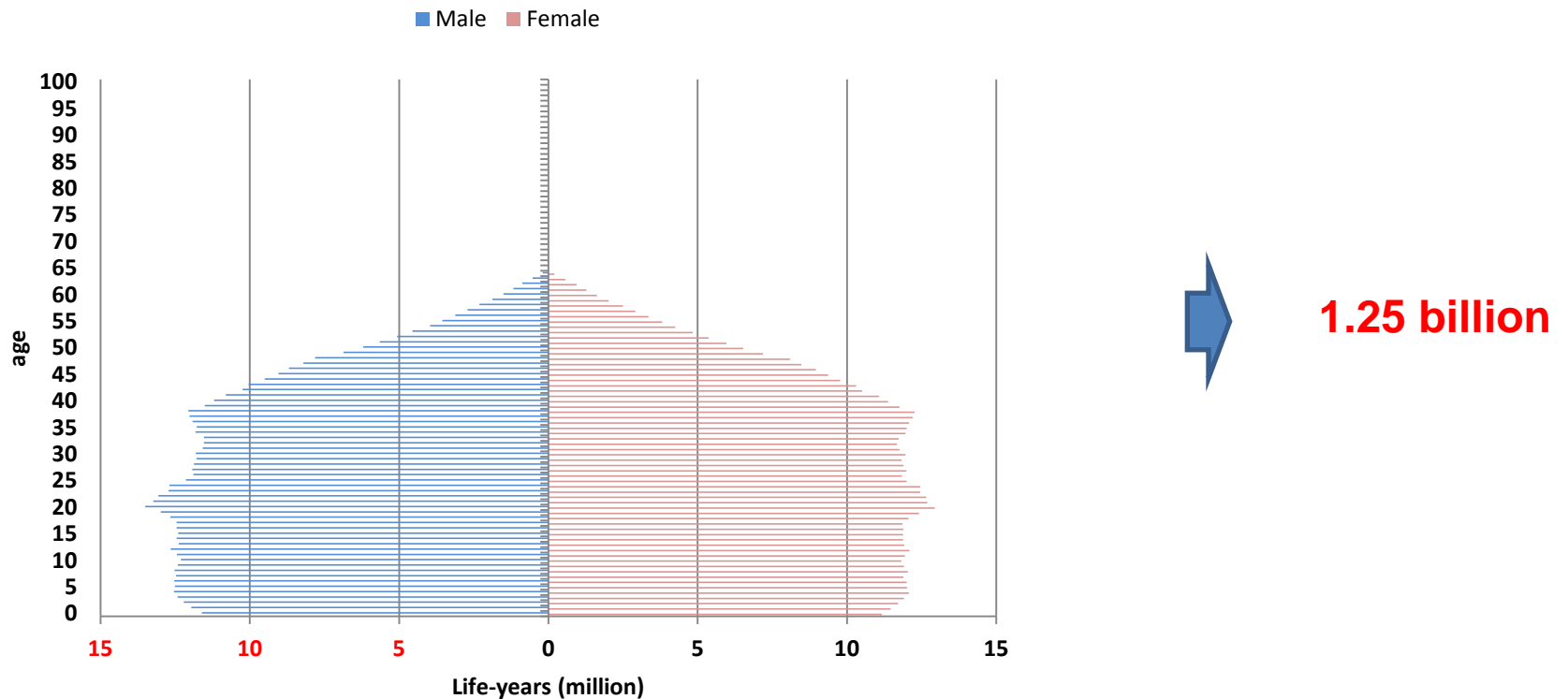


116 million

(*) conventionally at ages 0-19

The Demographic asset can also be shared into:

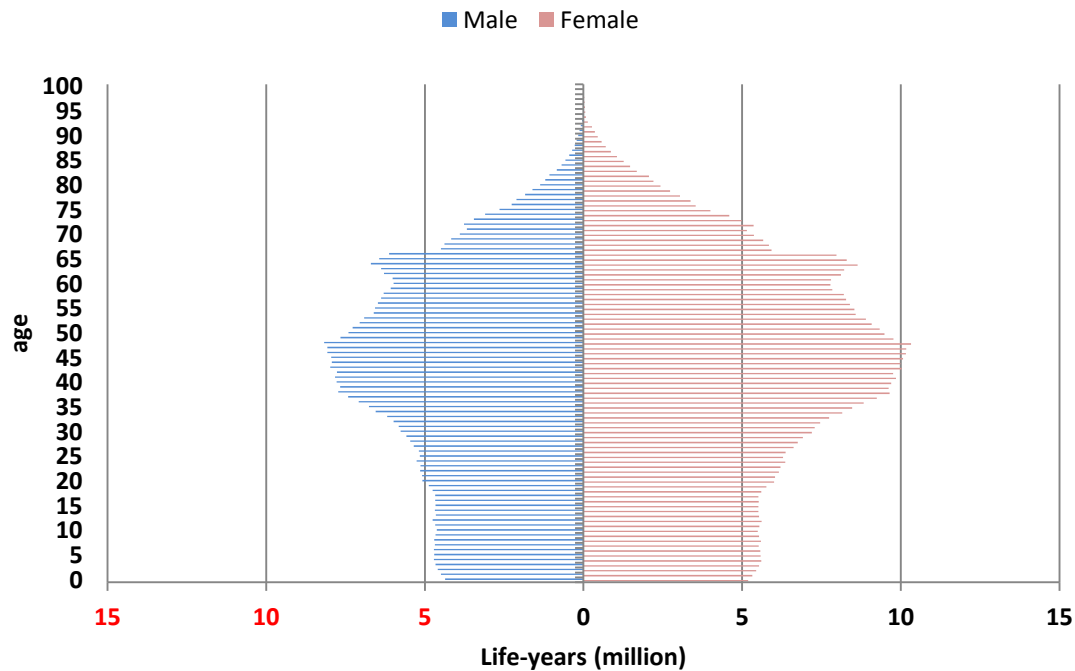
Expected life-years in active age (*)



(*) conventionally at ages 20-64

The Demographic asset can also be shared into:

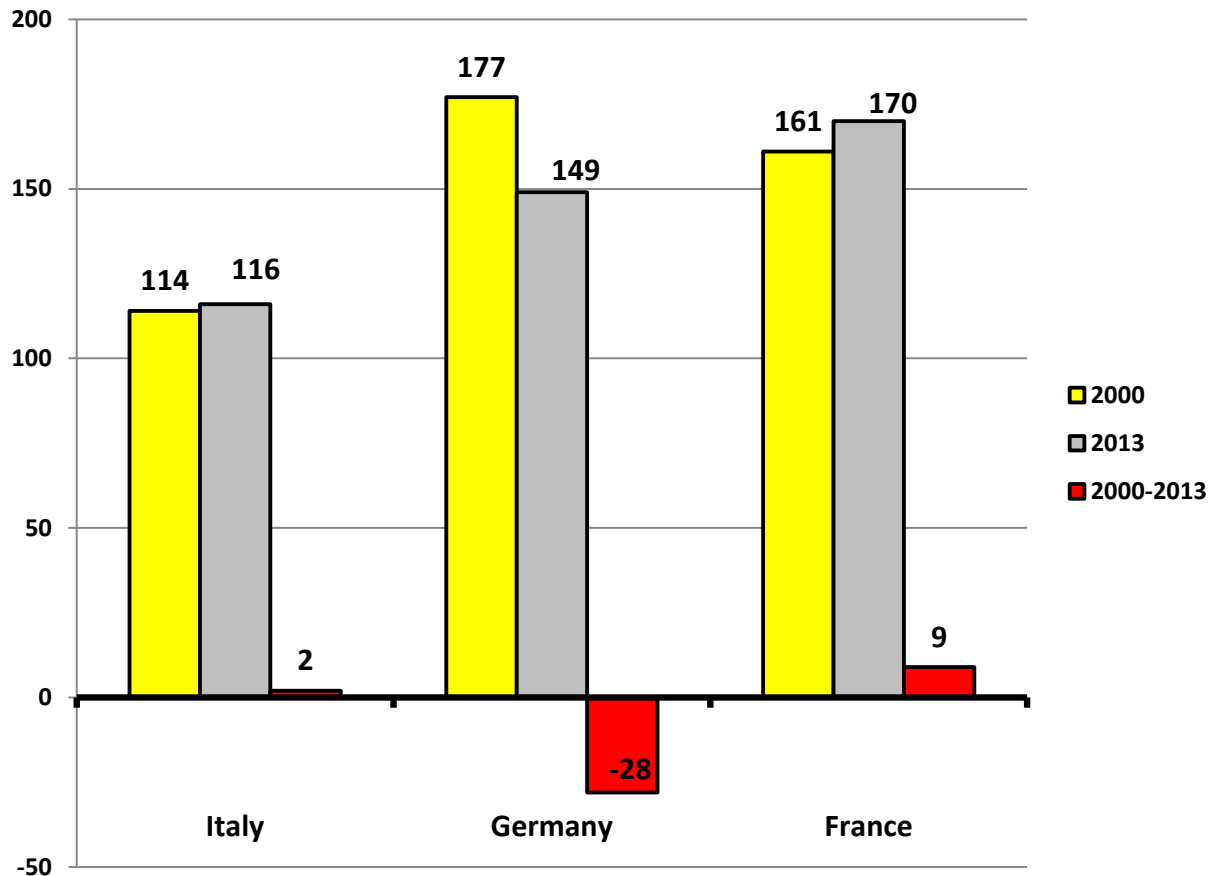
Expected life-years in retirement age (*)



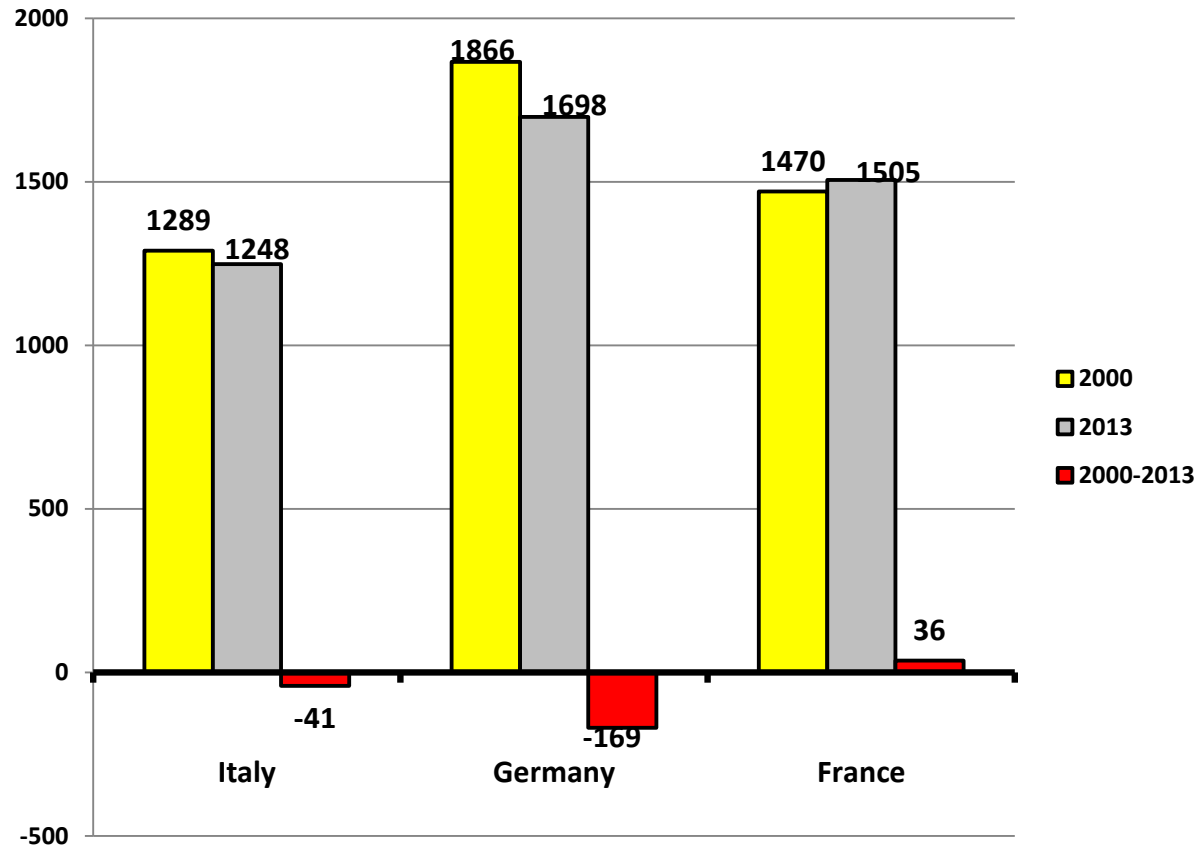
1.03 billion

(*) conventionally since age 65

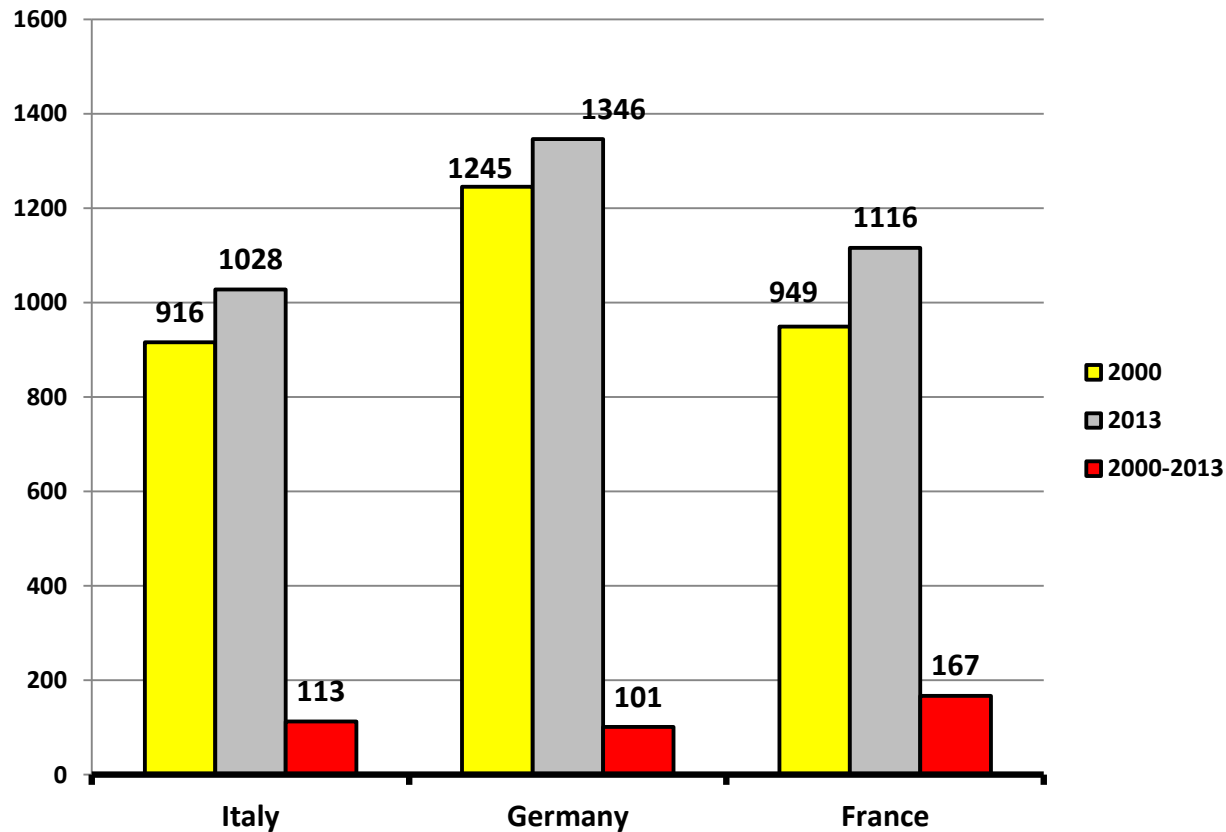
The Demographic Asset 2000 & 2013 (million life-years in Education)



The Demographic Asset 2000 & 2013 (million life-years in active age)



The Demographic Asset 2000 & 2013 (million life-years in retirement age)



How to increase life-years?

And

Why ?

How ?

Through policies that are also respectful of ethical principles

Since ethical principles and Socio-economic opportunity
row in the same direction

i.e.

Any **birth renounced/refused** (fertility constraints, abortion) = **80/90 life-years lost**

Any young **migrant unaccepted** = **40/50 life-years lost**

Any **premature death** for social/economic burden =
some life-years lost

Why?

**Because No population can accept to shrink its DA
(first of all when its future is already mortgaged)**

Countries	Government consolidated gross debt per life-year in active age			
	2000	2012	2012-2000	2012-2000 %
Italy	956 €	1731 €	+775 €	+81%
Germany	697 €	1172 €	+475 €	+68%
France	562 €	1218 €	+656 €	+117%

Source: data processed on Eurostat statistics

Conclusions:

Policies oriented to foster European population to recover the lost demographic vitality seem to be not only morally convenient but necessary to ensure progress and social cohesion