



- 1. Premises: the aim of the lesson
- 2. The issue of the day: students loan policies
- 3. The goals of student loans policy
- 4. The theory of change
- 5. Beneficiaries and target
- 6. Effectiveness indicators
- 7. ... to sum up



The goal of this exercise is to try to put in practise what was said during the past lessons.

At the end of this exercise you should clearly understand:

- 1. which is the difference between beneficiaries and target
- 2. which are the main questions you should ask yourself in order to identify appropriate indicators
- 3. which is the logical path you have to follow in order to develop some effectiveness indicators



Which are the goals of a student loan policy?



- 1. allow the access to higher education of students from disadvantaged background
- 2. increase of higher education funding
- 3. promotion of specific professional skills
- 4. secure financial student autonomy



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4.1 The theory of change

...from the lesson

1. poor students access

Theory of change

The set of these conditions and assumptions is what we call the "theory of change" and the first task of the analyst is to identify it and evaluate it on two counts:

- 1. If it is clear enough
- 2. If it is reasonable and convincing

in our case ...

If we introduce a public programme of loans FOR POOR students, then students from disadvantaged background could access to higher education 5.1 Beneficiaries and target

...from the lesson

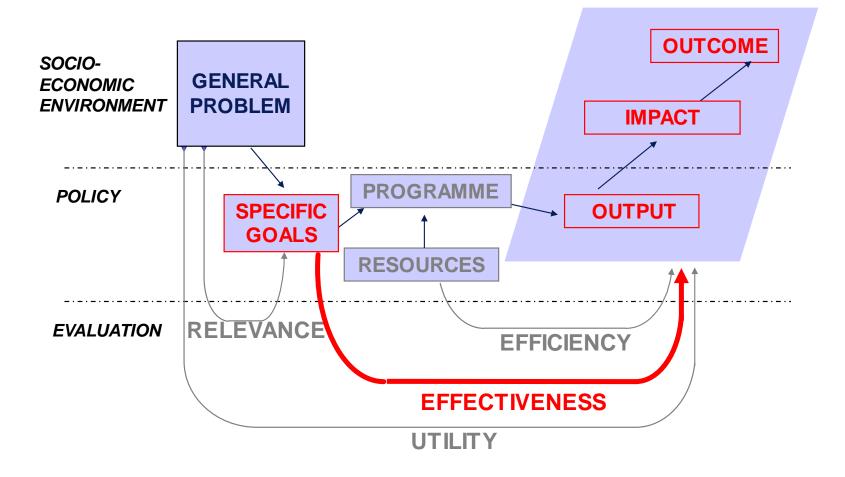
• The theory of change is important because it allows to identify:

1. poor students access

- Who are the beneficiaries of the policy: i.e who gains from the policy
- Who are the target group of the policy: i.e. who will change his/her behavior because of the policy

in our case ...

Beneficiaries: poor students Target: poor students **6.1 Effectiveness indicators**





1. poor students access

...from the lesson

- The product of a policy
- What is the direct result of the activity of the implementors

Which is the output of the loan policy?

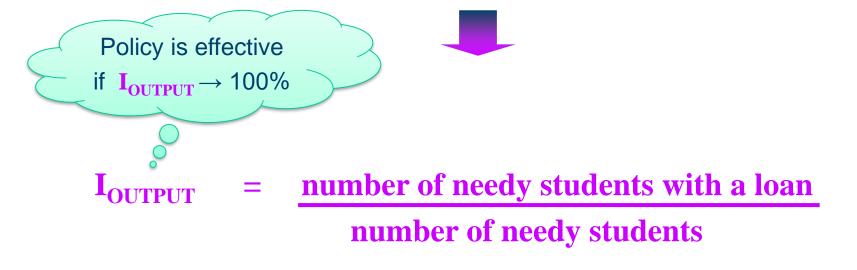
the output is the individual loan



1. poor students access

Which is the appropriate indicator?









1. poor students access

- The transformation of the problem
- The change in the need or in the demand

Which is the IMPACT of the loan policy?

the outcome is the rise in higher education access by the poor students



Which is the appropriate indicator?

We need to measure that poor students enrol to the universities. That means that the opportunities to access tertiary education are equally spread between all social and income groups

Policy is effective

if $I_{OUTCOME} \rightarrow 0$

 $I_{\text{IMPACT}} = \text{GINI coefficient}_{\text{families income}} - \text{GINI coefficient}_{\text{income of student families}}$





1. poor students access



THE OUTCOME IS THE CHANGE IN TARGET GROUP BEHAVIOUR

Which is the OUTCOME of the loan policy?

The OUTCOME is the change in poor students behaviours

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1. poor students access
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Which is the appropriate indicator?

In this case possibly the best solution is to directly ask them, through an appropriate survey, how relevant was the availability of the loan in the decision to enrol at university.

Nevertheless, an indirect indicator could be the proportion of needy students without a loan enrolled to university out of the total needy students enrolled.

If this figure is quite high it means that the programme is not effective in so far is not able to "capture" its potential clients.



Which are the goals of a student loan policy?



1. allow the access to higher education of students from disadvantaged background

2. increase of higher education funding

- 3. promotion of specific professional skills
- 4. secure financial student autonomy.



2. HE funding

Theory of change

...from the lesson

The set of these conditions and assumptions is what we call the "theory of change" and the first task of the analyst is to identify it and evaluate it on two counts:

- 1. If it is clear enough
- 2. If it is reasonable and convincing

in our case ...

If we introduce a public programme of students loans (able to cover the tuition fees),
<u>then</u> the universities could raise the level of tuition fees, increasing their total revenues (and/or decreasing public higher education funds)



2. HE funding

- The theory of change is important because it allows to identify:
 - Who are the beneficiaries of the policy: i.e who gains from the policy
 - Who are the target group of the policy: i.e. who will change his/her behavior because of the policy

in our case ...

Beneficiaries: universities, State Target: students



2. HE funding

...from the lesson

- The product of a policy
- What is the direct result of the activity of the implementors

Which is the output of the loan policy?

the output is the individual loan

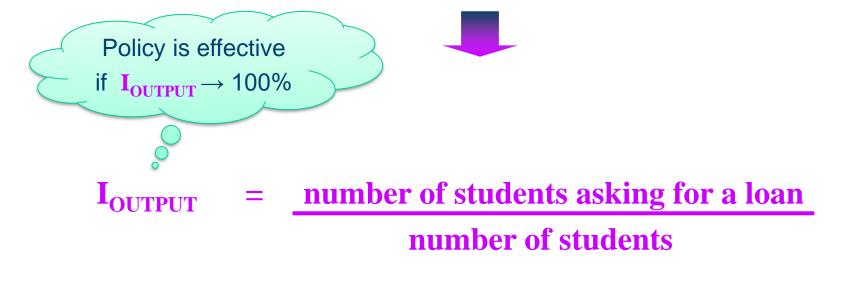


2. HE funding

Which is the appropriate indicator?



the effectiveness in terms of policy output will be achieved if all students benefit from a loan





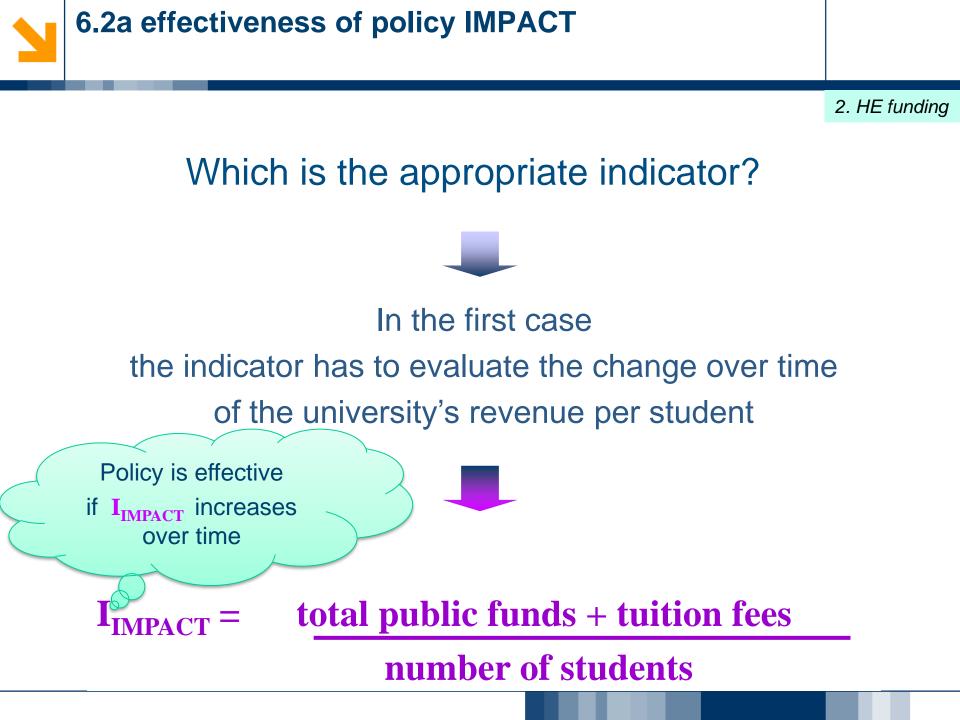
2. HE funding

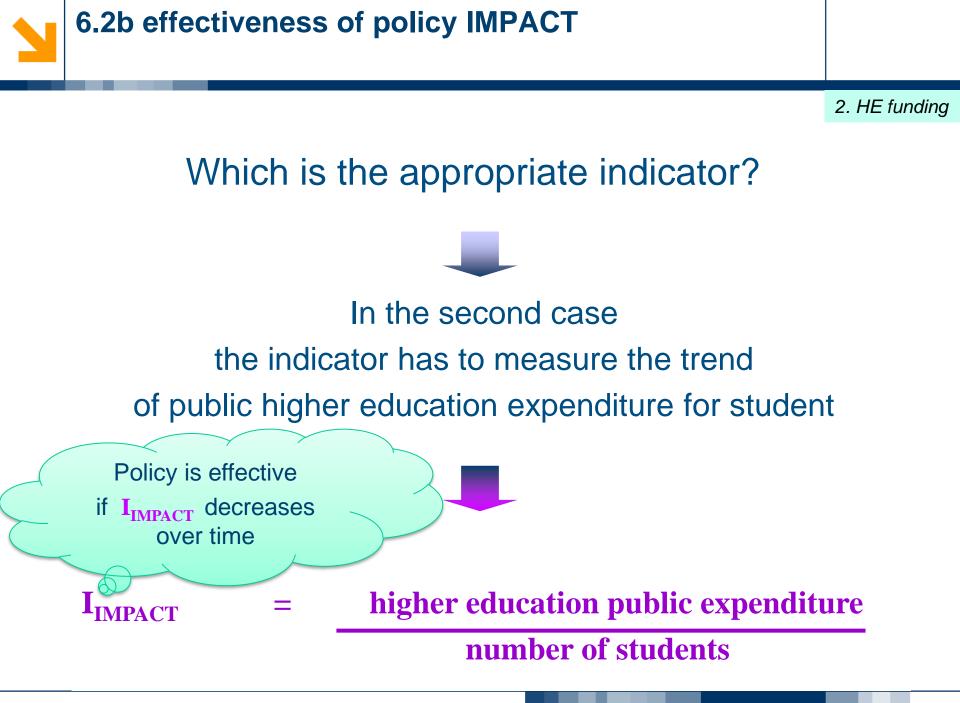
- The transformation of the problem
- The change in the need or in the demand

Which is the IMPACT of the loan policy?

The increase of higher education funding could be split into:

- 1) the increase of universities funds (tuition fees policies as additional financial source)
- 2) the reduction of public expenditure for universities (tuition fees policies as an alternative financial source)







2. HE funding

...from the lesson

THE OUTCOME IS THE CHANGE IN TARGET GROUP BEHAVIOUR

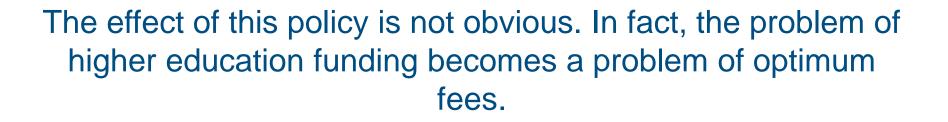
Which is the OUTCOME of the loan policy?

In our case, the change in behaviour consists of the change in higher education demand related to a rise in tuition fees.



2. HE funding

Which is the appropriate indicator?



Anyway, an analysis of price elasticity of demand (before and after the adoption of a student loan programme) should suggest relevant information about policy outcome.
In fact, it is a measure of how students react (in terms of enrolments) to a change in tuition fees.



Which are the goals of a student loan policy?



- 1. allow the access to higher education of students from disadvantaged background
- 2. increase of higher education funding
- 3. promotion of specific professional skills
- 4. secure financial student autonomy.



Theory of change

3. Prom. specific skills

The set of these conditions and assumptions is what we call the "theory of change" and the first task of the analyst is to identify it and evaluate it on two counts:

- 1. If it is clear enough
- 2. If it is reasonable and convincing

in our case ...

If we introduce a public programme of loans for a special category of students (students enrolled in a specific fields of study),
 <u>then</u> the enrolments in specific sectors should increase and the shortage of specific skills should decrease



- The theory of change is important because it allows to identify:
 - Who are the beneficiaries of the policy: i.e who gains from the policy
 - Who are the target group of the policy: i.e. who will change his/her behavior because of the policy

in our case ...

Beneficiaries: firms Target: students

...from the lesson



- ...from the lesson
- The product of a policy
- What is the direct result of the activity of the implementors

Which is the output of the loan policy?

the output is the individual loan



Which is the appropriate indicator?





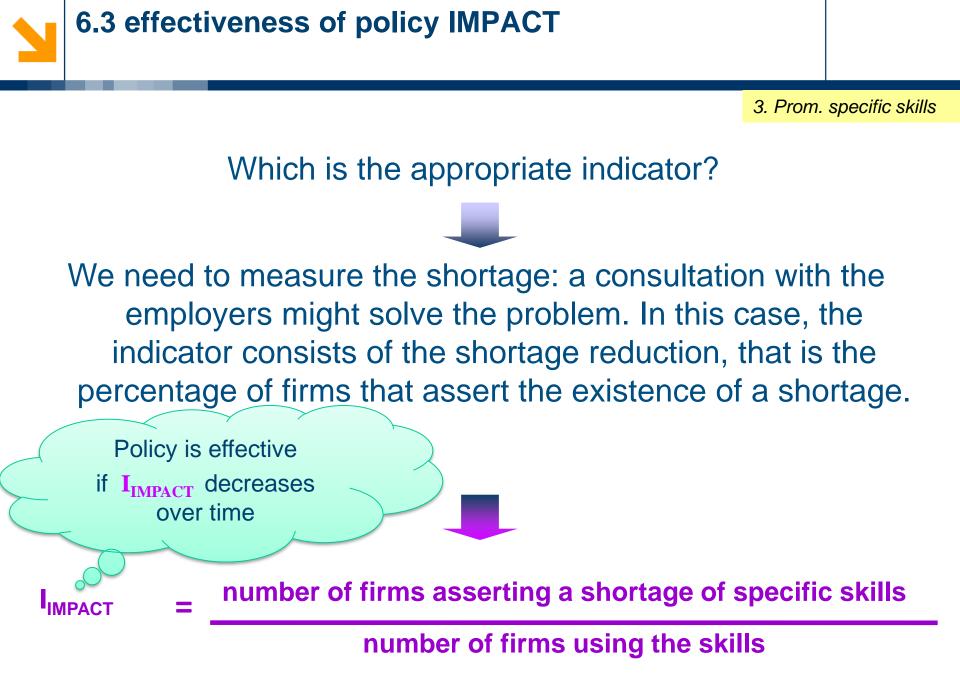


3. Prom. specific skills

- The transformation of the problem
- The change in the need or in the demand

Which is the IMPACT of the loan policy?

Reduction of the shortage in specific fields







THE OUTCOME IS THE CHANGE IN TARGET GROUP BEHAVIOUR

Which is the OUTCOME of the loan policy?

In our case, the change in behaviour consists of the change in student behaviour.



Which is the appropriate indicator?

The introduction of the programme should affect student choices, altering the pre-existing priorities.

That means that, if the demand of higher education stays equal, with the introduction of the programme an increase of the enrolments in some fields and a reduction in others

should occur.

 Policy is effective

 if Iourcome > 1

 OUTCOME

 Iourcome

enrolments variation in the promoted field
average of enrolments variation



Which are the goals of a student loan policy?



- 1. allow the access to higher education of students from disadvantaged background
- 2. increase of higher education funding
- 3. promotion of specific professional skills

4. secure financial student autonomy



4. Students autonomy

Theory of change

The set of these conditions and assumptions is what we call the "theory of change" and the first task of the analyst is to identify it and evaluate it on two counts:

- 1. If it is clear enough
- 2. If it is reasonable and convincing

in our case ...

If we introduce a public programme of loans for all students, then the students should reach a financial autonomy



4. Students autonomy

- The theory of change is important because it allows to identify:
 - Who are the beneficiaries of the policy: i.e who gains from the policy
 - Who are the target group of the policy: i.e. who will change his/her behavior because of the policy

in our case ...

Beneficiaries: students, families Target: students



4. Students autonomy

- ...from the lesson
- The product of a policy
- What is the direct result of the activity of the implementors

Which is the output of the loan policy?

the output is the individual loan

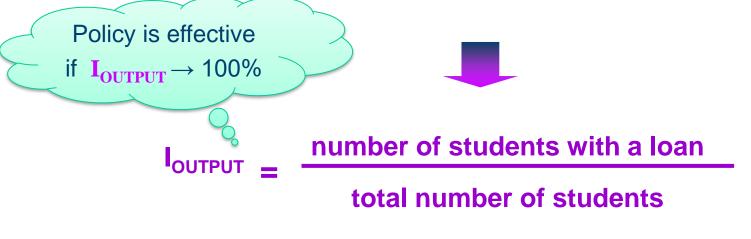


4. Students autonomy

Which is the appropriate indicator?



the effectiveness in terms of policy output will be achieved if all students are independent from their families as they benefit from a loan



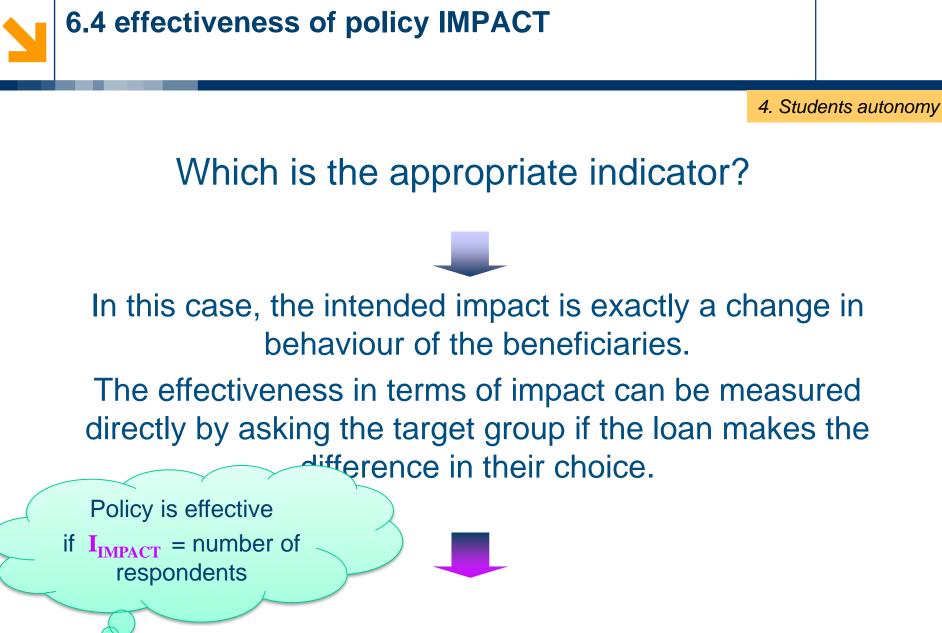


4. Students autonomy

- The transformation of the problem
- The change in the need or in the demand

Which is the IMPACT of the loan policy?

student financial autonomy



PACT = number of respondents declaring a change of behaviour



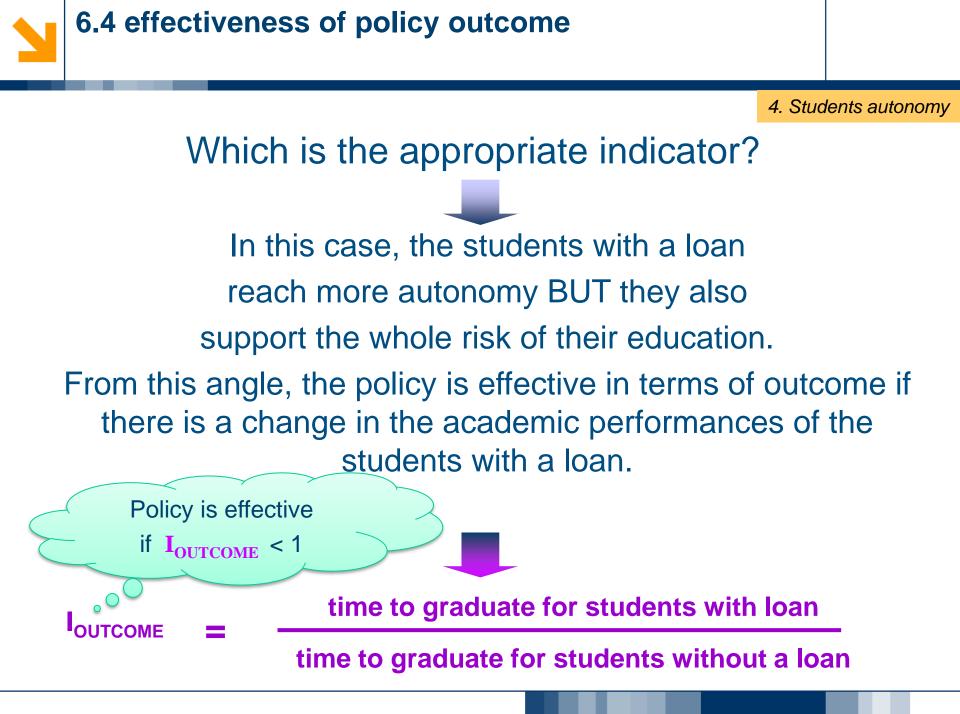
4. Students autonomy



THE OUTCOME IS THE CHANGE IN TARGET GROUP BEHAVIOUR

Which is the outcome of the loan policy?

In our case, the change in behaviour consists in the change in students behaviour.





In order to identify a set of effectiveness indicators, given a public policy the logical path should be...

Identify the policy goals	Making	Identify		
	clear	beneficiaries	Develop the	
	the theory	and	indicators	
	of change	target		