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Cambiamento strutturale e politiche di sviluppo

13 e 14 settembre 2019

Facoltà di Economia "G. Fuà", Università Politecnica delle Marche e Istao, Villa Favorita,

Session 3: Politiche industriali di sviluppo

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Presentazione del programma del

Forum "A New European Industrial Strategy" oriented to the citizens and the territory for a reform towards post-neoliberal economic policies

in partnership with the European Economic and Social Committee 4th December 2019, Bruxelles

POLICY FORUM on the document

"A NEW EUROPEAN INDUSTRIAL STRATEGY"

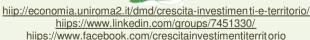
1. New monetary and public budget policies (9.00 - 10.30)

It is time that policymakers in the European Union change their orthodox neoliberal economic policy assumptions. An expansionary monetary policy with interest rates close to 0 is not effective on the increase of investments. A flat tax policy which subsidize private companies is not effective on investment and it only increases the profits and the bank deposits. The drastic slowdown of the economic growth in Europe requires the relaunching of the internal demand, a decrease of the current surplus, higher growth and inflation rates, a lower unemployment rate and lower spread of the interest rates, through a large European program of greater private and public (both material and immaterial, both European, national and local) investments financed by a new EU budget, by new rules on the national budgets ("Golden rule"), by the QE of ECB, by the EIB and also by large private funds.

4. New territorial, urban and environmental policies (12.45 -13.45)

The territory is the priority policy framework for the new European industrial strategy as the life of people depends on a well preserved external natural and urban environment. New actors and civic movements have entered the policy arena proposing innovative visions of the community. The large metropolitan areas, the networks of medium and small cities and the rural and peripheral areas, throughout the European territory, indicate the crucial role for the future of the EU of joint actions for promoting projects preserving the natural environment, enhancing the value of "common goods" for the citizens in the various cities and local communities and investing in material and immaterial infrastructures. These new investments will promote modern productions and new qualified employment. In fact, the citizens and their living conditions represents the crucial European "common good" promoting the strengthening of the European Community.

Group "Growth, Investment and Territory"



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ORIENTED TO THE CITIZENS AND THE TERRITORY FOR A REFORM TOWARDS POSTNEOLIBERAL ECONOMIC POLICIES

2. A new industrial and innovation strategy (10.30 - 11.30)

A new industrial strategy policy oriented to the internal demand rather than to export aims at promoting a reconversion towards new productions, driven by the new needs of citizens and embedded in the territory, in the six fields of: nutrition, housing, mobility, leisure and culture, health and education, environment and energy saving. It will relaunch infrastructures, fixed investments and immaterial investments in human resources, knowledge, creativity, technical design and new labour organization and R&D. A new industrial strategy should be oriented to the citizens and the territory and be adopted: a) with the people as workers active in a territorial production system, b) for the people as consumers and for their needs in a given territory and c) with the citizens, who have a common identity and make collective decisions in a given territory.

5. Institutional changes and multi-level governance (15.00-16.15)

European Integration and coordination require a medium-term collaboration based on the sense of community. Common values, as the three "republican principles" of freedom, equality and cooperation, together with reciprocal trust are key factors of the European common identity. External challenges and common future should induce to common actions. Thus, common norms and fixed financial parameters are not sufficient, but only complementary for European integration and coordination. Institutions and public policy should have a crucial role in orienting the economic and social change and private and public investments. The process of European integration should be based on multilevel governance and a flexible geometry model, where countries could agree new forms of cooperation or could "opting out", as in the case of Euro area, with respect to new additional programs, aiming to strengthen growth, investment, employment and environmental quality.

Documents

hiips://www.academia.edu/39199486/Cappellin R. Ciciotti E. and Battaglini E. eds. The guidelines of a New European Industrial Strategy oriented to the citizens and the territory policy proposals for the European economi c growth Academia.edu May 2019 e-book preliminary draft hiips://www.academia.edu/38031947/Discussion Group Growth Investment and Territory 2018 The response to the needs of the citizens and the turnaround in European policies a common cultural and political platform for a radical change in European economic policies December

4th December 2019 - Bruxelles

organized by

AISRe – Italian Regional Science Association,
Giuseppe Di Vittorio Foundation, Rome
Group "Growth, Investment and Territory"
in partnership with

EESC - European Economic and Social Committee

3. European coordination of new fiscal and financial instruments (11.45 - 12.45)

The macroeconomic policy instruments are inadequate, as indicated by the wide disparities in the interest rates and in the tax rates and also by the wide disparities in income/wealth distribution and in the labour conditions, which are distorting the investments allocation and the wages and labour conditions in the European Single Market. New policy measures should be adopted in the European Union (as proposed in the USA) for a coordination and a coherent reform of the actual tax system and also the creation of new no bank financial instruments aiming to promote risk capital investments, innovation, economic growth and employment, thus avoiding the actual unfair "beggar my neighbourhood" policies of some European States. Raising employment levels is a crucial policy in some countries, in particular to reduce youth unemployment rates.

6. European added value of a new industrial strategy (16.15 - 17.30)

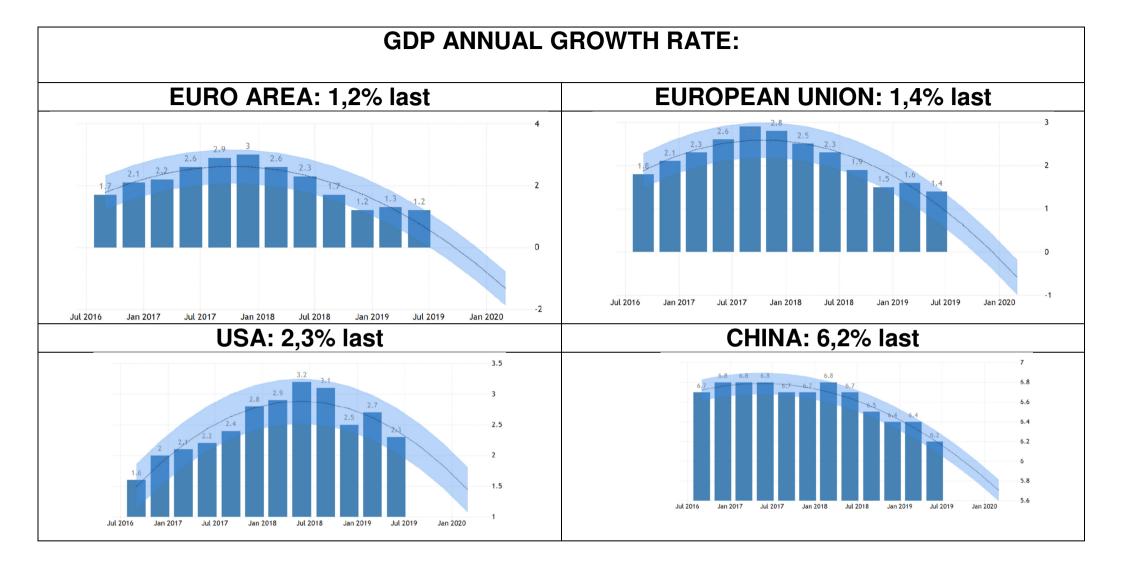
A new industrial policy, as monetary and fiscal policies, must necessarily be coordinated at European scale, and no country can act independently without determining positive or negative external effects (spillovers) for other countries. A European industrial strategy that promotes economic growth and a better quality of life in the different areas of the European Union certainly represents a "European added value" with respect to the limits of the current European and national economic, monetary and fiscal policies. In particular, a new industrial strategy, that raises GDP growth and improves the quality of life of European citizens, with investments and innovations, with "more and better jobs", also contributes to improve the social conditions and creating a common identity, thus stimulating common trust and strengthening European institutions.

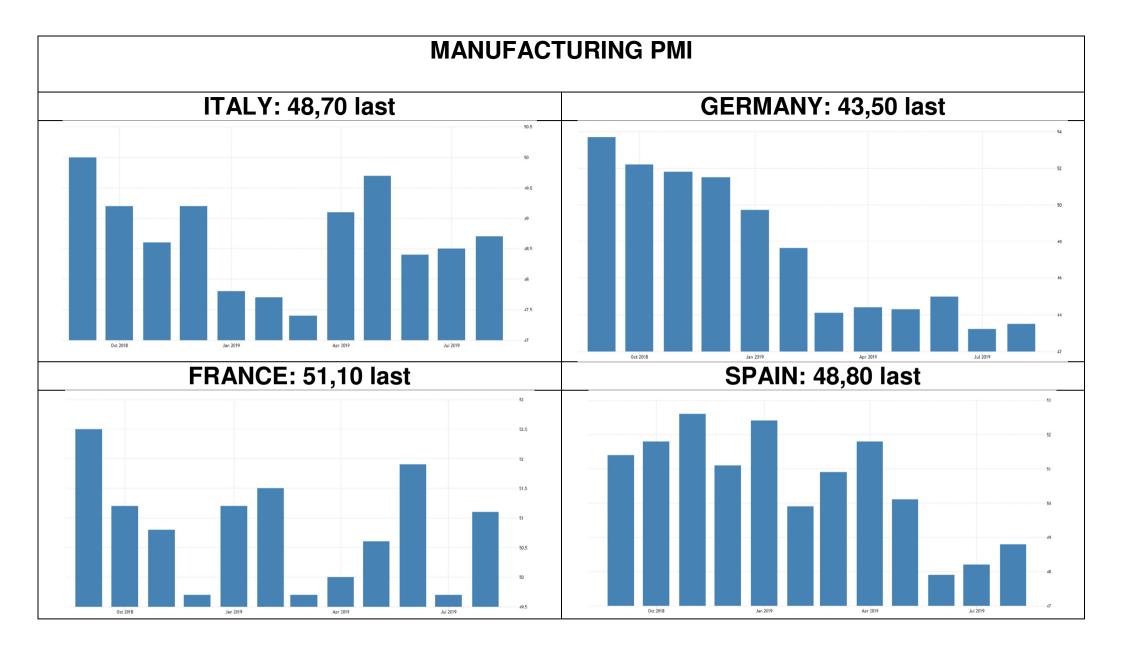
Participants

High level European economic experts from Universities, Think-Tanks, Foundations, Economic and Social Actors

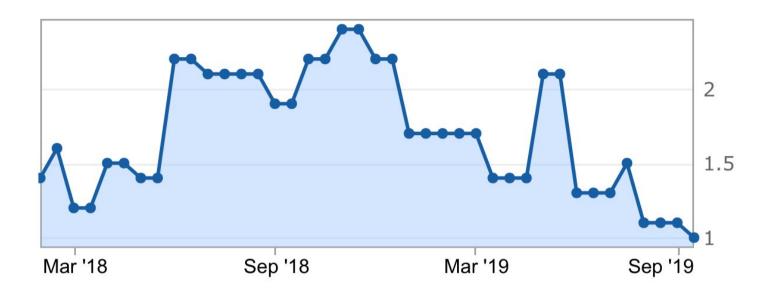
POLICY AIMS AND PROPOSALS (preliminary draft)

1. The disparities between countries, regions companies and people in the European Union have increased due to the macroeconomic low growth, asymmetric shocks, the adopted inadequate economic policies and should be decreased through a New European Industrial Strategy, which promotes a greater growth of all territories and of modern high quality productions and the quality of life of each citizen.





GERMANY – CONSUMER PRICE INDEX



EURO ZONE YEARLY INDUSTRIAL PRODUCTION



Table 1: The Spring 2019 forecasts of the European Commission						
	Real GDP 2019	Inflation	Unemployment	Current-		
			Rate	account		
				balance		
European Union	1,4	1,5	6,9	3,0 (367,9)		
Euro Area	1.2	1.4	7,7	3,3 (448,9)		
Germany	0,5	1,5	3,1	6,8 (267,1)		
Italy	0,1	0,9	10,0	2,5 (50,8)		
USA	2,4	2,0	3,8	-2,5 (-536,3)		
China	6,2	2,0		0,3 (43,7)		

Source: European Economic Forecast, Spring 2019, ISSN 2443-8014 (online)

Table 1: Overview - the spring 2019 forecast and tables 52 and 61: Statistical Annex Forecasts for 2019, percentages and values in billions of US dollar,

2. The causes of the current crisis are in **the insufficient domestic demand** (consumption and investments, private and public) and in the excessive surplus of the Euro area current balance.

X - M = accumulation of real and financial assets abroad

$$S + (T-G) - I = X - M$$

$$I = S + (T-G) - (X - M)$$

This identity indicates that **internal investment can increase** according to the size of internal private and public saving and **investment decreases**, when financial funds are transferred abroad.

- 3. **The ratio debt/GDP** should be decreased **by increasing the GDP**, which is stagnating in all Europe, and to this purpose the public investment should be excluded from the deficit calculation ("golden rule").
- 4. A new "European Industrial Strategy" should promote a large investment program at the European scale (approximately 500 billion every year: at least equal to the surplus of the EU current external balance or the difference between internal production and domestic demand).

- 5. The European Union must not only use monetary policy or public budget policy, but also a third instrument of economic policy, which is a "New European Industrial Strategy", aimed to orient the investments of private companies, also through public investments, towards new strategic productions. Moreover, European governments together should adopt appropriate fiscal policies to contrast the widespread and profound financialization of the economy, that has weakened the real economy, while increasing the company's shares.
- 6. A New European Industrial Strategy **should aim to more innovation**, not only technological and in scientific research, but also **organizational and institutional**, in companies and in society and in institutions, supporting integration and also digital networking between multiple platforms. In fact, industrial policy must not only expand the supply capacity of companies by reducing costs and increasing productivity, **but it should also stimulate the consumer demand for new products**, that create new markets and can **drive the investment effort by the companies**, diversifying the overall production system.
- 7. A New European Industrial Strategy should aim to a better environmental quality and a better quality life of the citizens in the territory and especially in the urban areas, also as a tool for the creation of new productions and occupations.

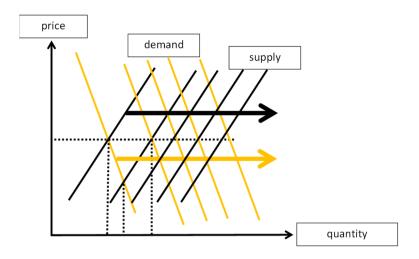


Figure 1: The growth of investment determines a shift of the sectoral demand and supply

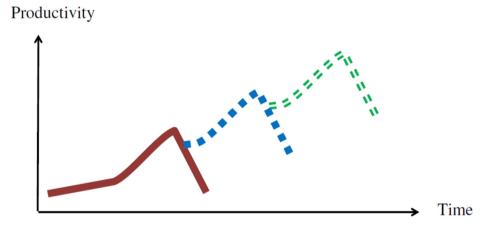


Figure 2: the evolution of productivity and the productions cycles

- 8. The European Union should **launch 6 or more strategic investment programs** in the following new productions:
 - a) food;
 - b) housing;
 - c) mobility and logistics;
 - d) culture, leisure and media;
 - e) health, social assistance and education;
 - f) environment, energy saving and spatial planning.

In Europe it is necessary to move to a development model driven by domestic demand, aimed at improving the quality of life of citizens and based on knowledge and new skills, on product innovation, on the creation of new productions with high knowledge and innovation

9. The territory, the urban areas and the cities networks are the priority political and economic framework for the New European Industrial Strategy, since the quality of the people's life depends on a well-preserved natural environment, on liveable cities, with a greater availability of affordable housing.

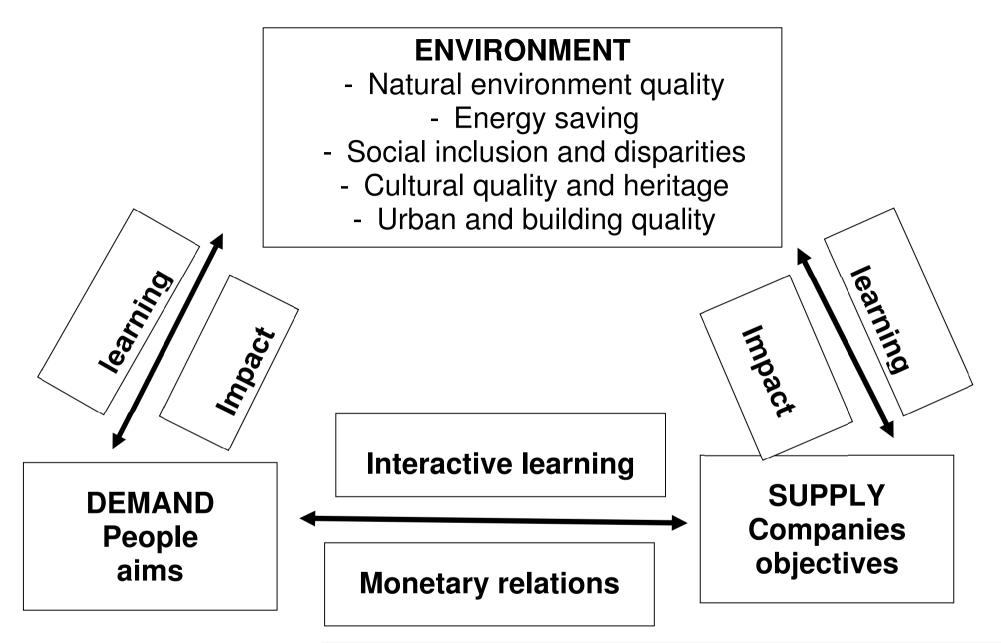


Figure 3 - The process of interactive learning and the change in the needs and demands by the consumers and the changes in the competence and objectives of the companies

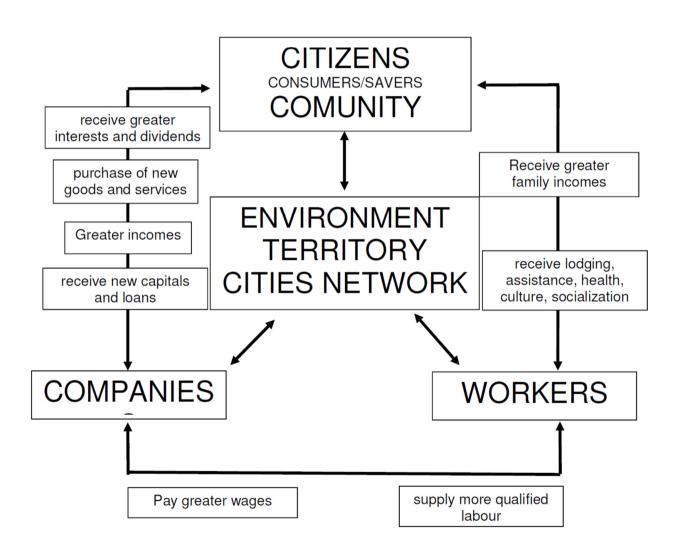
THE CIRCULAR MODEL - policy guided

- Development of new citizens' needs and of users' knowledge,
- Knowledge development and creation of new productions
- Impact of new productions on workers' incomes, on the environment and on the quality of life of citizens
- the possibility of new forms of production and new forms of consumption due to the interaction and interactive learning between users and producers and the change in the needs and demands by the consumers and the changes in the competence and objectives of the companies.

THE ROLE OF PEOPLE IN MODERN PRODUCTIONS

People play three different roles in the economy and this indicates that the new industrial policy does not have as its interlocutor the only companies and as an objective the only increase in production, but that it must become a **new "industrial policy oriented to citizens and the territory"**, which is made: a) **with people as workers** who have increasingly higher skills and want to realize their personality at work, b) • for people as consumers who need increasingly complex and want to realize their personality in their free time, c) with citizens who have common values and a common identity and participate in collective decision-making processes in a given territory, country and European institutions.

Figure 4 – The actors of a European development strategy based on a "new industrial policy oriented toward the citizens and the territory



10. A new European Industrial Strategy indicates the need to promote a decisive process of transformation of traditional specializations through a great investment effort. As in the post-war reconstruction and in the "economic miracle" of the 1960s or as indicated by the "balanced development" theory which underlines the importance of investing in "basic industries", the European economy needs a "big push" to get out of a "middle income trap". Thus, it is necessary to create the "bases" in terms of infrastructure, qualified services, and a workforce with high skills for a new phase of "industrialization" and for transforming the European economy into a modern knowledge society.

A new European Industrial Strategy that respond to the new needs by European citizens and that raises GDP growth, promotes interregional cohesion, decreases income disparities and improves the quality of life of European citizens, through investments and innovations, will contribute to creating a common identity, stimulate common trust and strengthen European institutions and it will certainly represent a "European added value".

References

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SOME EMPIRICAL DATA FOR A NEW EUROPEAN INDUSTRIAL STRATEGY

Table 1 – Structural change and GDP growth in the Euro area (values in million euro at current prices)

	2011-2018			2007-2011			
	а	b	С	d	е	f	
	Productivity	Employment	Total	Productivity	Employment	Total	
	effect	effect	change	effect	effect	change	
1	90.548,97	65.421,03	155.970,00	108.054,23	-29.251,13	78.803,10	
2	6.686,01	3.556,19	10.242,20	28.775,98	-328,48	28.447,50	
3	38.531,32	-24.297,62	14.233,70	26.872,33	-10.727,13	16.145,20	
4	27.745,57	58.162,63	85.908,20	5.372,12	5.404,18	10.776,30	
5	320.221,91	17.213,69	337.435,60	91.972,65	-135.152,55	-43.179,90	
Т	1.043.197,40	514.665,50	1.557.862,90	522.610,82	-135.472,12	387.138,70	
6	84.466,67	161.875,53	246.342,20	2.938,95	47.602,85	50.541,80	
7	94.560,13	- 26.558,43	68.001,70	55.292,13	-94.198,33	-38.906,20	
8	138.955,12	120.132,78	259.087,90	139.859,71	57.766,09	197.625,80	
9	210.300,99	105.010,51	315.311,50	77.347,33	-14.730,93	62.616,40	
10	25.641,07	15.665,83	41.306,90	15.973,27	7.763,13	23.736,40	
11	34.077,96	-10.054,96	24.023,00	12.239,81	-11.707,51	532,30	

Source: Eurostat national accounts data base.

1 Real estate activities

- 2 Industry except construnction and manufacturing
- 3 Financial and insurance activities
- 4 Information and communication
- 5 Manufacturing
- T Total GDP
- 6 Professional, scientific and technical activities; administrative and support service activities
- 7 Construction
- 8 Public administration, defence, education, human health and social work activities
- 9 Wholesale and retail trade, transport, accomodation and food service activities
- 10 Arts, entertainment and recreation; other service activities; activities of household and extra-territorial organizations and bodies
- 11 Agriculture, forestry and fishing

Note: columns (a) and (d) indicate the impact of productivity taken employment constant: (Y1/N1-Y0/N0)*N0; columns (b) and (d) indicate the impact of employment taken productivity constant: (N1-N0)*Y1/N1; columns (c) and (f) indicate the total product change: (Y1-Y0).

Table 2 – Structural change and GDP growth in Italy

(values in million euro at current prices)

	2011-2018			2007-2011		
	а	В	С	d	е	f
	Productivity	Employment	Total	Productivity	Employment	Total
	effect	Effect	change	effect	effect	change
1	5.742,09	17.389,11	23.131,20	15.572,27	5.414,63	20.986,9
2	- 1.173,18	2.553,68	1.380,50	2.187,90	- 383,20	1.804,7
3	1.293,02	- 3.791,12	- 2.498,10	726,52	- 2.670,82	- 1.944,3
4	- 7.019,23	2.430,53	- 4.588,70	- 203,97	- 848,83	- 1.052,8
Т	74.659,66	30.641,54	105.301,20	51.333,30	- 26.763,80	24.569,5
5	43.784,26	- 12.600,46	31.183,80	1.571,11	- 26.009,51	- 24.438,4
6	2.578,81	7.182,39	9.761,20	17.914,83	- 2.994,13	14.920,7
7	- 6.253,99	17.529,89	11.275,90	514,37	5.580,83	6.095,2
8	22.428,50	16.603,60	39.032,10	5.790,36	- 1.694,26	4.096,1
9	6.639,58	- 14.763,08	- 8.123,50	- 247,71	- 4.091,29	- 4.339,0
10	3.094,79	- 905,09	2.189,70	1.857,21	- 1.409,31	447,9
11	- 1.268,84	3.825,94	2.557,10	4.391,15	3.601,35	7.992,5

Source: Eurostat national accounts data base.

- 1. Real estate activities
- 2. Industry (except manufacturing and construction)
- 3. Financial and insurance activities
- 4. Information and communication
- T Total all NACE activities
- 5 Manufacturing
- 6 Public administration, defence, education, human health and social work activities
- 7 Professional, scientific and technical activities; administrative and support service activities
- 8 Wholesale and retail trade, transport, accomodation and food service activities
- 9 Construction
- 10. Agriculture, forestry and fishing
- 11 Arts, entertainment and recreation; other service activities; activities of household and extra-territorial organizations and bodies

Note: columns (a) and (d) indicate the impact of productivity taken employment constant: (Y1/N1-Y0/N0)*N0; columns (b) and (d) indicate the impact of employment taken productivity constant: (N1-N0)*Y1/N1; columns (c) and (f) indicate the total product change: (Y1-Y0).

The analysis of employment and of productivity change indicated the strengths and the weaknesses of the various sectors and the role that each sector my have in a future "Industrial Strategy" of the European Union.

The change in the value added in current prices in each sector can be disaggregated into the effect of productivity change (taken the employment constant) and to the effect of employment change (taken productivity constant) ad indicated by the identity:

$$Y1 - Y0 = \sum_{i} ((Y1i/N1i - Y0i/N0i) * N0i) + \sum_{i} ((N1i - N0i) * Y1i/N1i)$$

where Y indicates the product and N indicates employment and the suffix 0 and 1 indicate the initial and the final year and i indicate the specific sector considered. That allows to disaggregate the GDP change measured in current prices into the effects due to productivity change and to employment change in each specific sector.

A sectoral breakdown of the aggregate **GDP** change in the euro area in the period 2011-2018, taking into account the effect both of productivity increase and of the employment change, indicates that the sectors which qualify for a crucial positive role are:

- manufacturing (mainly due to productivity increase),
- wholesale and retail trade, transport, accommodation and food service activities, but also
- professional scientific and technical activities,
- public administration.

Moreover, it seems important to underline the positive impact on the product growth by the productivity increase in the following sectors:

- construction,
- agriculture and also in
- financial and insurance, notwithstanding the decrease of employment.

In conclusion, a sectoral breakdown of the aggregate GDP change, taking into account the effects both of productivity increase and of the employment change, indicates the sectors which qualify for a crucial positive role in an European Industrial strategy.

There is the need to sustain the **productivity increases** in

- manufacturing (mainly through productivity increase), and
- agriculture (mainly through productivity increase),

There is the need to **relaunch employment** in:

- **construction** (where productivity increases are important)
- professional scientific and technical activities (where productivity changes are negative),
- information and communication (where productivity changes are negative) and
- arts and entertainment (where productivity changes are negate

On the contrary a negative performance is inevitable in financial and insurance (due to the large decrease of employment and slow increase in productivity).

THE FOUR PHASES OF TRANSFORMATION OF THE EUROPEAN PRODUCTION SYSTEM

In summary, the following four phases can be observed in the long term change of the European productive structure:

- 1. the large Fordist company (60s and 70s),
- 2. the flexible specialization of SMEs (70s-80s),
- 3. the outsourcing of industrial productions and the increasing integration between manufacturing and service productions within the companies (80s-90s),
- 4. the economy driven by the creation of new HT products and the tight interaction between the producers with the consumers, to respond to the new emerging demands of the consumers. That requires interactive learning processes and the tight interaction also through new communication technologies and exchange of knowledge, between the various companies and between these latter and the end and intermediate consumers (2000s).

THE EVOLUTION TOWARDS A MODEL OF SUSTAINABLE DEVELOPMENT

THE LINEAR MODEL - deterministic

- supply of production factors,
- entrepreneurial skills of the companies,
- creation of productions, accumulation of stocks and marketing policies,
- purchase and use by consumers,
- environmental impact without control of production and consumption

THE CIRCULAR MODEL - policy guided

- Development of new citizens' needs and of users' knowledge,
- Knowledge development and creation of new productions
- Impact of new productions on workers' incomes, on the environment and on the quality of life of citizens
- Interaction between users and producers interactive learning and change in the needs and demands by the consumers and changes in the competence and objectives of the companies
- Possibility of new forms of production and new forms of consumption

THE CHANGES IN THE MODELS OF INDUSTRIAL POLICY

The industrial policy models have undergone continuous evolution over the last 60 years, which can largely be connected with the evolution of technologies and specializations and therefore with the problems of the industrial system.

- a) public aid policy and fiscal and financial incentives to companies,
- b) competition policy,
- c) vertical policies in the sectors and production chains,
- d) horizontal policies on external factors of competitiveness,
- e) policies of **national champions** and for **SMEs**,
- f) policies of national / regional innovation systems,
- g) policies of industrial districts and business networks,
- h) policies of the centres of competence,
- i) policies of "smart specializations" and intangible investments,
- j) incentive policies for private and public demand,
- k) quadruple helix: companies, universities, institutions, citizens.

A NEW EUROPEAN INDUSTRIAL POLICY ORIENTED TOWARDS CITIZENS AND THE TERRITORY

A new industrial policy oriented towards the citizens and the territory must take into account that **people play an even greater role in modern industrial production processes** than by machinery or fixed capital and also by financial capital. **Each actor is linked through real and monetary flows with the other actors.**

In particular, citizens as savers and consumers provide capital to companies and demand new goods and services produced by companies.

Citizens as members of the local and national community provide to the individual workers, within the family and the local community, monetary and real or social support.

THE FUTURE DEVELOPMENT OF THIS CULTURAL PROGRAM

These policy proposals may promote a collective rethinking of the "European Industrial Strategy" between many well-known European experts and may represent the start of a wide bottom-up cultural and political process leading to a radical turnaround of European economic policies.

In order to promote the adoption by European Governments of these proposals, the Group "Growth, Investment and Territory" has promoted on 4th December 2019, a Forum of about 30 experts in Brussels at the "European Economic and Social Committee" The meeting will aim to elaborate an in-depth document on a "European Industrial Strategy" addressed to the European Council and to the European Commission.