

*Divisione Servizi per la Ricerca*



UNIVERSITÀ DEGLI STUDI DI MILANO

# **HORIZON 2020**

# **ERC**

## **European Research Council**

Ufficio Auditing- *Bruno Zampaglione*



# HORIZON 2020 - ERC-



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## Summary

- **Concetti generali sui finanziamenti**
- **Concetti base su H2020 e sulle azioni ERC**
- **Come si costruisce un budget per le call ERC**





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## Funders

### National

#### Local

Regions  
Provinces  
municipalities

### National

(Ministry of University)

FIRB- SIR -PRIN

### National

(other Ministries)

MIPAAF, MOH,  
MAE



### Foreign institutions

#### EU

(FP, structural funds, etc.)

**National Institutes of Health (NIH)**

**Foreign foundations**

**National/International Private**

Institutions, companies

### National

Bank Foundations  
F. CARIPLO

Other thematic  
Foundations  
(Telethon, AIRC, etc)





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## F.P. Horizon 2020 (2014- 2010)

is the financial instrument implementing the Innovation Union, a Europe 2020 flagship initiative aimed at securing Europe's global competitiveness.

La struttura di Horizon 2020: composta da 3 Pilastri e da 5 Programmi trasversali

### ONE - Excellence Science

#### -Frontier research (ERC)

Frontier Research by the best individual teams (ERA)

#### -Future and Emerging Technologies (FET)

Collaborative research to open new fields of innovation

#### -Marie Skłodowska-Curie actions

Opportunities for training and career development

#### -Research infrastructures

Ensuring access to world-class facilities

### TWO - Industrial Leadership

#### -Leadership in enabling and industrial technologies

- ICT
- NANOTECHNOLOGIES MATERIALS
- BIOTECHNOLOGIES
- MANUFACTURING
- SPACE

#### -Access to risk finance

Leveraging private finance and venture capital for research and innovation

#### -Innovation in SMEs

-Fostering all forms of innovation all types of SMEs

### THREE - Tackling Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world - Inclusive, innovative and reflective societies
- Secure societies - Protecting freedom and security of Europe and its citizens

European Institute of Innovation and Technologies (EIT)

Spreading Excellence and Widening Participation

Science with and for society

Joint Research Centre (JRC)

Euratom





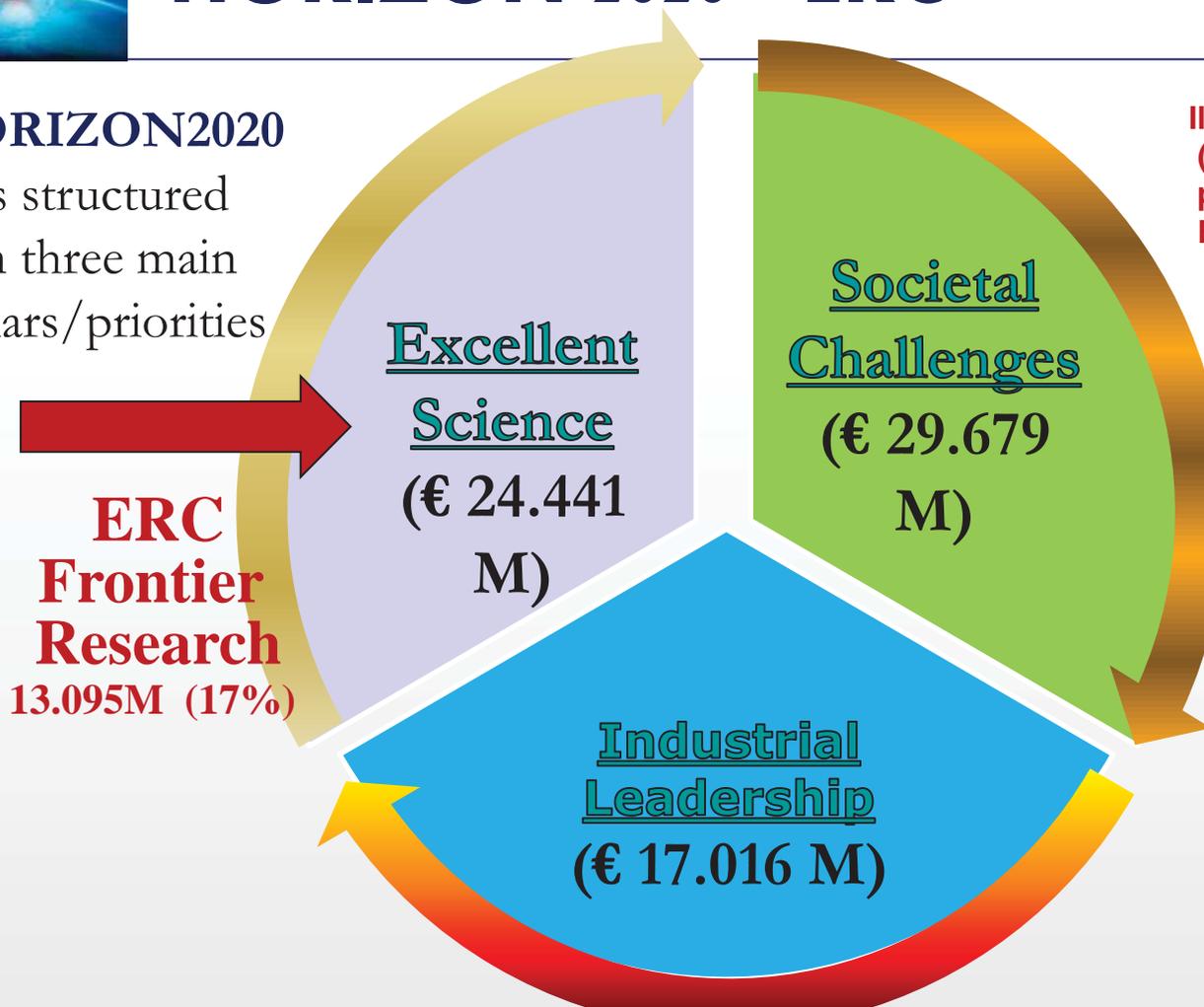
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## HORIZON2020

is structured  
in three main  
pillars/priorities



Il budget per Horizon 2020  
(compreso il programma  
per la ricerca nucleare  
Euratom) è di € 78,6M

**ERC  
Frontier  
Research**  
13.095M (17%)

- Science with and for Society (€462)
- Spreading Excellence and Widening Participation (€ 816)
- European Institute of Technology (EIT) (€ 2711)
- Joint Research Centre (JRC) (€ 1.903)
- Euratom (€ 1.603)





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## WHAT ABOUT ERC

Work programme for the implementation of the actions under Part I “**Excellent science**” which relate to the specific objective

*“Strengthening Europe’s science base in frontier research”*

### Pillar one

### Excellence Science

#### –Frontier research (ERC)

- Future and Emerging Technologies (FET)
- Marie Skłodowska-Curie actions
- Research infrastructures





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## LA STRUTTURA DI ERC

### STARTING GRANT

Maximum Grant  
amount  
1.500.000€

### CONSOLIDATOR GRANT

Maximum Grant  
amount  
2.000.000€

### ADVANCED GRANT

Maximum Grant  
amount  
2.500.000€

### PROOF OF CONCEPT GRANT

Maximum Grant  
amount 150.000 €  
(18 mesi)





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## OBJECTIVES AND PRINCIPLES OF ERC FUNDING

The ERC's mission is to:

- **encourage the highest quality research in Europe..**
- **.....on the basis of scientific excellence**
- **to provide attractive, long-term funding to support excellent investigators** and their research teams..... 
- **.....to pursue ground-breaking, high-gain/ high-risk research.**

**Scientific excellence** is the sole criterion on the basis of which ERC frontier research grants are awarded.

**Applications** can be made in **any field of research**

The ERC's frontier research grants operate on **a 'bottom-up'** basis without predetermined priorities.

**The ERC strongly encourages research proposals of a multi and interdisciplinary nature**





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## OBJECTIVES AND PRINCIPLES OF ERC FUNDING

### Role of researchers: very important



Molteplicity of roles:

- Research
- Supervision
- Mentoring
- Administrative management



The European Charter for Researchers takes into account the molteplicity of roles carried out by the researchers who are enrolled not only to carry out research and/or development activities, **but also to take part in the supervision, mentoring and management or in administrative tasks.**





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## GESTIONE EFFICACE ED EFFICIENTE DEI PROGETTI DI RICERCA

### Molteplicità di ruoli di ricercatori

.....

### ❑ Administrative management

Project management → Budget to reporting



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**concetto  
di budget e rendicontazione  
(MOMENTI DISTINTI e SEPARATI)  
tra docenti e personale amministrativo**

**concetto di Project Management  
(VISIONE GLOBALE ED UNITARIA DEL PROGETTO)  
lavorare in team**





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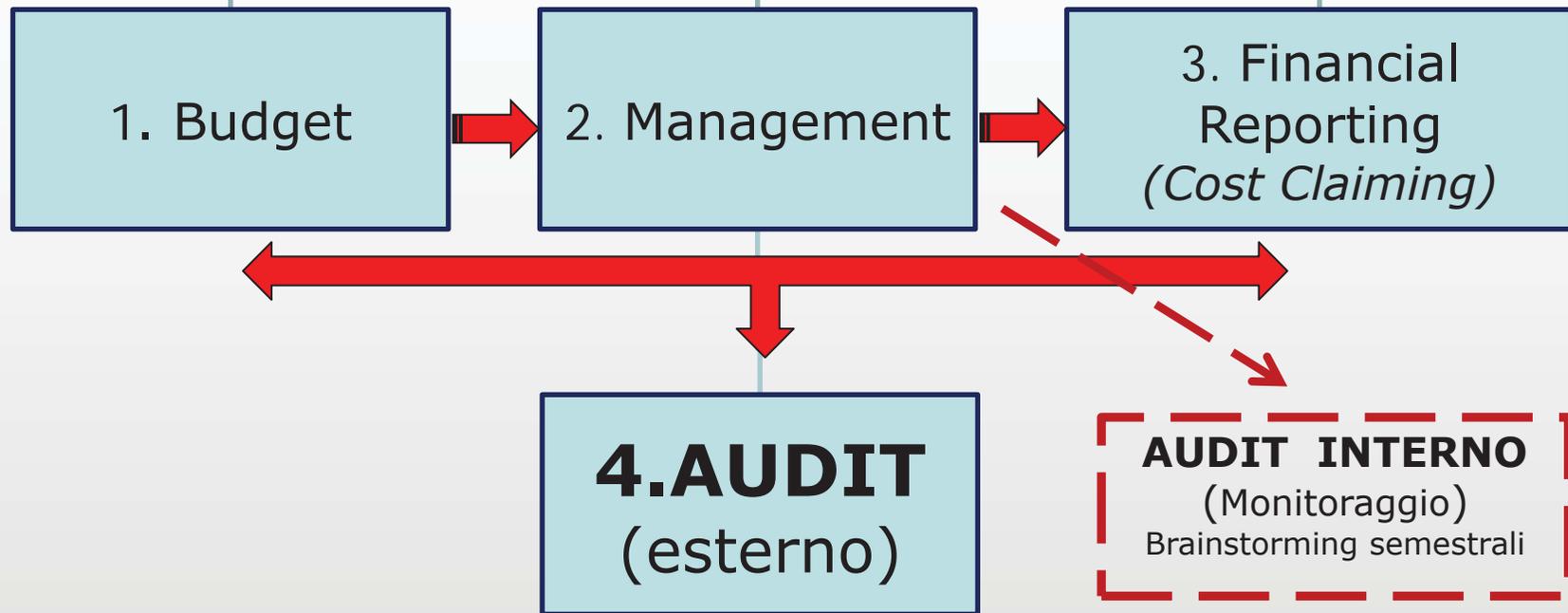


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Fasi del

## Project Management

**attenzione**





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## PRESIDIO: Fasi nella vita di un progetto

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### PROGETTAZIONE

Analisi della normativa  
Fattibilità del progetto  
Pianificazione degli obiettivi  
Programmazione di tempi e risorse;  
Definizione dei Costi/Ricavi (Budget)

### GESTIONE E RENDICONTAZIONE

RILEVAZIONE  
• Costi e ricavi effettivi  
CONSOLIDAMENTO  
• Approvazione e consolidamento dei dati

### MONITORAGGIO E CONTROLLO

MONITORAGGIO  
• Analisi costi e tempi  
VERIFICA  
• Analisi scostamenti e relative cause  
RIPIANIFICAZIONE  
• Attuazione di correttivi e nuove stime





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Fasi del

## Project Management

1. Budget

2. Management

3. Financial Reporting  
(*Cost Claiming*)

**4. AUDIT**  
(esterno)





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## Model Budget ERC (Proposal)

Cost category		Total in Euro		
2 Direct Costs	Personel	<sup>3</sup> PI	-	
		Senior Staff	-	
		Postdocs	-	
		Students	-	
		Other	-	
	<i>i. Total Direct Costs for Personel</i>		-	
	Travel		-	
	Equipment		-	
	Other goods and services	Consumables	-	
		Publications (including Open Acces fees) , etc..	-	
		Other ( please specify)	-	
<i>ii. Total Other Direct Costs</i>		-		
<b>A- Total Direct Costs (i +ii)</b>		-		
<b>B- Indirect Costs (Overheads) 25% of Direct Costs<sup>4</sup></b>		-		
<b>C1 - Subcontracting Costs (no Overheads)</b>		-		
<b>C2- Other Direct Costs with no Overheads<sup>5</sup></b>		-		
<b>Total Estimated Eligible Costs (A -B -C)<sup>6</sup></b>		-		
<b>Total requested EU Contribution<sup>6</sup></b>		-		

▶

PART B2

MAX <sup>7</sup>
Funding
1.500.000,00





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## The building of Budget is very important and subject to the peer review evaluation

**The project cost estimation should be as accurate as possible.**

Significant mathematical mistakes may reflect poorly on the credibility of the budget table and the proposal overall.

The evaluation panels assess the estimated costs carefully; unjustified budgets will be consequently reduced. The requested contribution should be in proportion to the actual needs to fulfil the objectives of the project

**The funding requested must be fully justified by an estimation of the real project cost.**





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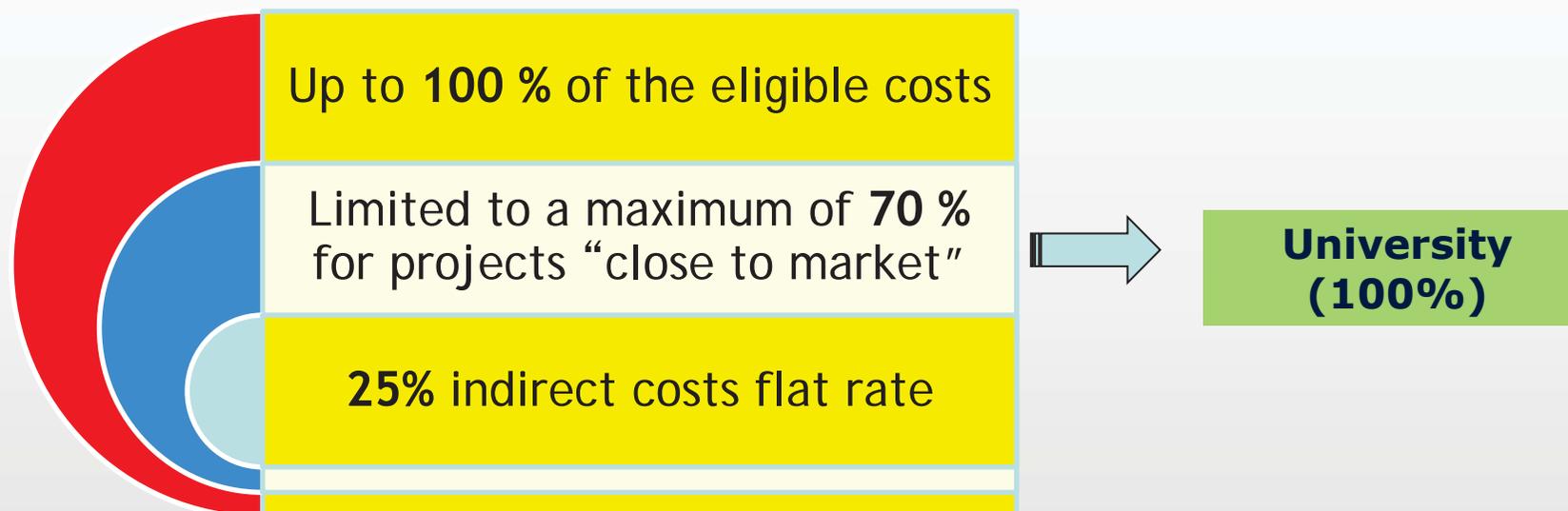


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## Costs and financing

The grant reimburses 100% of the beneficiary's *[and linked third parties]* eligible costs for the action.

In particular, exist an only scheme of reimbursement





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## Costs and financing

**Total costs = Financing + (Co-financing)**

### Financing:

amount of money made available by the funder (UE)

### Co-financing:

amount of resources with which the beneficiary participates in the project costs. (UNIMI)

**In case the total costs differ from the requested grant, it should be specified on the proposal what exactly is funded from other sources**

- Personnel;
- Contributed equipment;
- Other goods and services

?????





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There are two cost models

**Full cost model (FC)**, where all the eligible actual costs (direct and indirect) are charged by the University.

(It is possible to obtain a flat rate for indirect costs)

**ES: Horizon 2020**

---

**Additional costs (AC)** basis, where the direct **additional** eligible costs (and usually a flat rate for indirect costs) are charged by the University.

Personnel in staff **is NOT an ADDITIONAL cost**

**ES: Fond. Cariplo 2015**





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## Scheme of reimbursement

### DG JUSTICE

Scheme : 80/20

Personnel

7% overheads

### DG ENVIRONMENT

Scheme : 60/40

2% rule Personnel

7% overheads





## Costs and financing

### □ Direct and Indirect Costs

**Direct eligible costs** are those which support all the research, management, training and dissemination activities necessary for the conduct of the project, such as:

- Personnel Costs;
- Costs for subcontracting
- Other direct costs such as :
  - Travel costs and related subsistence allowances;
  - The depreciation costs for equipment;
  - Costs for other goods and services [consumables and supplies; dissemination/publication costs; IPR costs, costs of the Certificates on the Financial statements];
  - *Direct cost for Large Research Infrastructures.*

**Direct costs** are all those eligible costs which **can be attributed directly to the project** and are identified by the beneficiary as such, *in accordance with its accounting principles and its usual internal rules*





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## Costs and financing

**Indirect eligible costs** (also called **overheads**) are those which cannot be identified as directly attributable to the project, but which are incurred in direct relationship with the project's direct eligible costs, such as:

- Costs related to general administration and management;
- Costs of office or laboratory space, including rent or **depreciation of buildings and equipment**, and related expenditure such as water, heating, electricity;
- Maintenance, insurance and safety costs;**
- Communication expenses, network connection charges, postal charges and office supplies;
- Common office equipment such as PCs, laptops, office software;**
- Miscellaneous recurring consumables.**





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## Costs and financing

**Non-eligible costs** cannot be reimbursed through the ERC grant, in particular:

- Costs related to return on capital;
- Debt and debt service charges;
- Provisions for possible future losses or debts;
- Interest owed;
- Doubtful debts;
- Currency exchange losses;
- Excessive or reckless expenditure;
- Costs reimbursed under another EU grant;
- Deductible VAT;





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## Forms of costs

Eligible costs (*see Article 6 del GA* ) must be declared under the following forms

**1) Actual costs; 2) Unit Costs; 3) Lump sums; 4) Flat rate;**

### In the ERC Projects: UNIMI

(a) for **direct personnel costs**:

- as actually incurred costs (**actual costs**) or

(b) for **direct costs of subcontracting**: as actually incurred costs (**actual costs**);

d) for **other direct costs**: as actually incurred costs (**actual costs**)

e) for **indirect costs**: on the basis of a flat-rate applied as set out in Article 6.2, Point E del GA (**flat-rate costs**)





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## ART4 del GA "ESTIMATED BUDGET AND BUDGET TRANSFERS"

The 'estimated budget' for the action is set out in **Annex 2**.

It contains the estimated eligible costs and **the forms of costs**, broken down [for the beneficiary (and linked third party) and] by budget category .

ESTIMATED BUDGET FOR THE ACTION MODEL ANNEX 2 for H2020 ERC MGA — Mono												Additional information		
Estimated eligible *costs (per budget category)										EU contribution				
A. Direct Personell costs				B. Direct Costs of Subcontracting	D. Other Direct Costs	E. Indirect Costs	Total costs	Reimbursement Rate % 100/70	Maximum EU contribution***	Maximum grant amount	Information for indirect costs	Information for Auditors	Other information:	
A.1. Personnel		A.4. SME Owners without salary.			D.1. Travel						Costs of in-kind contributions NOT used on premises	Declaration of costs under point D.4.	Estimated costs of beneficiary / linked third party not receiving EU funding	
A.2. Natural persons under direct contract					D.2. Equipment									
A.3. Seconded Persons					D.3. Other Good and services									
[A.6. Personnel for providing access to research infrastructure]		A.5. Beneficiaries that are natural persons without salary			D.4. Costs of large research infrastructure									
Form of Costs****	Actual	Unit ①	Unit ②		Actual	Actual	Flat-Rate ③							
			€ 0	hour										
	(a)	Total (b)	Nr. hours	Total (c)	(d)	(e)	f) = 0.25 x [(a) + (b) + (c) + (e) - (k)]	g) = (a) + (b) + (c) + (d) + (e) + f) + (g) + (h1) + (h2)	(h)	(i)	(i)	(k)	yes/no	
[short name beneficiary]									100%	-				
[short name linked third party]									100%	-				
[short name linked third party not receiving EU funding]														
[short name beneficiary not receiving EU funding]														
[short name linked third party]														
[short name linked third party]														
<b>Total Beneficiary</b>									100%					





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ESTIMATED BUDGET FOR THE ACTION MODEL ANNEX 2 for H2020 ERC MGA — Mono											
Estimated eligible * costs (per budget category)							EU contribution				
A. Direct Personnel costs		B. Direct Costs of Subcontracting		D. Other Direct Costs		E. Indirect Costs	Total costs	Reimbursement Rate % 100/70	Maximum EU contribution***	Maximum grant amount	
A.1. Personnel	A.2. Natural persons under direct contract	A.3. Seconded Persons	A.4. SME Owners without salary.	A.5. Beneficiaries that are natural persons without salary	[A.6. Personnel for providing access to research infrastructure]	D.1. Travel	D.2. Equipment	D.3. Other Good and services	D.4. Costs of large research infrastructure		
Form of Costs****	Actual	Unit ①	Unit ②	Actual	Actual	Flat- Rate ③					
		€ 0	hour			25%					
	(a)	Total (b)	Nr. hours	Total (c)	(d)	(e)	0,25 x [(a) + (b) + (c) + (e) - (k)]	(g) = (a) + (b) + (c) + (d) + (e) + (f) + (g) + (h1) + (h2)	(h)	(i)	(j)
[short name beneficiary]									100%	-	
[short name linked third party]									100%	-	
[short name linked third party not receiving EU funding]											
[short name beneficiary not receiving EU funding]											
[short name linked third party]											
[short name linked third party]									100%	-	
<b>Total Beneficiary</b>									100%	-	





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## REFERENCE DOCUMENTS

### **FINANCIAL REGULATION (EU) No 966/2012**

This Regulation lays down the rules for the establishment and the implementation of the general budget of the European Union and the presentation and auditing of the accounts.

### **REGULATION (EU) No 1290/2013**

laying down the rules for participation and dissemination in "Horizon 2020"

### **REGULATION (EU) No 1291/2013**

establishing Horizon 2020 - The Framework Programme for Research and Innovation (2014-2020)

### **GRANT AGREEMENT**

The Agreement sets out the rights and obligations and the terms and conditions applicable to the grant awarded to the beneficiaries for implementing the action.





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## GRANT AGREEMENT

The Agreement is composed of: Terms and Conditions (art 1 -58) and Annex:

- **Annex 1** Description of the action (PROGETTO)
- **Annex 2** Estimated budget for the action (BUDGET DI PREVISIONE )
- **Annex 3** Accession Forms ( MOD DI ADESIONE DEI PARTECIPANTI)
- **Annex 4** Model financial statements (RENDICONTO FINANZIARIO)
- **Annex 5** Model for the certificate on the financial statements (CFS redatto dalla SOCIETÀ DI AUDIT)
- **Annex 6** Model for the certificate on the methodology





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**GA – Grant Agreement** – agreement between beneficiaries and the funder

**CA – Consortium Agreement** – agreement between beneficiaries

**The Coordinator (ENTE - PI)** directly signs the GA with the **Commission/Agency** and is the central contact point for the Commission/Agency and represents the consortium (vis-à-vis the Commission/Agency).

**The Beneficiaries** means the legal entities who have signed the Grant Agreement (GA) with the Commission/Agency (i.e. a 'participant' in an action supported by a grant) signing **the Accession Form**.

## Other Participants

**The Third Parties involved in the action** are other entities which participate in the action, but **that NOT sign the GA**. They are not bound by the terms and conditions of the GA; conversely, the Commission/Agency has no obligation vis-à-vis third parties.





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## Use of third party resources and/or third parties involved in the action

**The Host Institution** and the other organisations involved in the action (if any) **must normally have the technical and financial resources needed to allow the Principal Investigator to carry out his/her activities.** As an exception, the Host Institution and the additional participants may use in-kind contributions provided by third parties or call upon subcontractors or linked third parties to carry out work under the action.

**Seconding personnel, contributing equipment, infrastructure or other assets** are the most usual forms of in-kind contributions (= resources) provided by third parties.

**Subcontracting** is instead the most common form by which a third party is typically **asked to carry out directly some action's tasks.**

**In some cases**, often related to the organizational structure of the Host Institution, **affiliated entities ("linked third parties")** are involved to carry out some tasks too.

**Part B2 of the proposal must indicate the resources obtained from third parties or the task to be subcontracted** and an estimation of the costs.





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## Subcontratti

Si tratta di soggetti terzi che **svolgono** un *task* di progetto a pagamento. Quindi il *task* da svolgere e l'importo (il prezzo) devono essere inseriti nell'allegato tecnico del progetto. Il subcontraente dovrà essere scelto secondo le normali procedure di evidenza pubblica e poi fatturerà per il lavoro svolto tenendo conto dell'utile dovuto per la prestazione.

## Terze parti collegate (*linked*)

Si tratta di soggetti terzi che **svolgono** parte del progetto rendicontando al beneficiario i costi sostenuti. Questi enti sono legati al beneficiario da una convenzione quadro stipulata indipendentemente dal progetto europeo. Il terzo quindi produrrà un rendiconto dei costi che sarà inviato alla Commissione (PP) dal beneficiario.

## *In-kind contribution against payment*

Si tratta di soggetti terzi che **prestano** risorse (i.e. personale, strumenti, ..) affinché il beneficiario possa svolgere parte del suo lavoro. L'ente terzo produrrà al beneficiario una nota di debito che somma i costi delle risorse prestate. La nota di debito sarà rendicontata dal beneficiario. E' necessario stipulare un contratto che disciplini quali risorse vengono prestate e il loro costo. Risorse e costi devono essere inseriti nell'allegato tecnico del progetto

## *In-kind contribution free of charge*

Si tratta di soggetti terzi che **prestano** risorse (i.e. personale, strumenti, ..) affinché il beneficiario possa svolgere parte del suo lavoro. L'ente terzo non richiede alcun rimborso. La descrizione delle risorse deve essere inserita nell'allegato tecnico del progetto.





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**FINANCIAL REGULATION (EU) No 966/2012**

**CHAPTER 7 *Principle of sound financial management***

**Art. 30 Principles of economy, efficiency and effectiveness**

*Appropriations shall be used in accordance with the principle of sound financial management, namely in accordance with the principles of economy, efficiency and effectiveness.*

The beneficiaries **must base their purchases on the best value for money** considering the quality of the service, good or works proposed (also called 'best price-quality ratio') or on the lowest price.

**L'IVA in HORIZON 2020 è un costo eleggibile.**

***L'IRAP NON è un costo eleggibile.***





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For the **General Model GA**, these are:

- **direct personnel costs**;
- **subcontracting**;
- **other direct costs**;
- costs of providing financial support to third parties (if option applies);
- **indirect costs**, and
- specific categories of costs (if option applies).

## Art 4.2 GA - Budget transfers

The estimated **budget breakdown** indicated in Annex 2 **may be adjusted** by transfers of amounts **between beneficiaries or between budget categories (or both)**. This does not require an amendment according to Article 55, if the action is implemented as described in Annex 1.

Not possible - **add costs relating to subcontracts not provided for in Annex 1, unless such additional subcontracts** are approved.





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**L'Annex 2 è un form complesso** e viene utilizzato dalla Commissione in fase di stipula del Grant Agreement.

**In fase di proposta si utilizzano DUE form più semplici**

**Scaricare il form dal Participant Portal al seguente link:**

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

## 3 - Budget

Participant Number in this proposal	Organisation Short Name	Organisation Country	Total eligible costs/€ (including 25% indirect costs) ?	Requested grant/€
1	UMIL	IT	0	0
Total			0	0





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## Research proposal [Part B2]

Cost category		Total in Euro	
2 Direct Costs	Personel	<sup>3</sup> PI	-
		Senior Staff	-
		Postdocs	-
		Students	-
		Other	-
	<i>i. Total Direct Costs for Personel</i>		-
	Travel		-
	Equipment		-
	Other goods and services	Consumables	-
		Publications (including Open Acces fees) , etc..	-
		Other ( please specify)	-
<i>ii. Total Other Direct Costs</i>		-	
<b>A- Total Direct Costs (i +ii)</b>		-	
<b>B- Indirect Costs (Overheads) 25% of Direct Costs<sup>4</sup></b>		-	
<b>C1 - Subcontracting Costs (no Overheads)</b>		-	
<b>C2- Other Direct Costs with no Overheads<sup>5</sup></b>		-	
<b>Total Estimated Eligible Costs (A -B -C)<sup>6</sup></b>		-	
<b>Total requested EU Contribution<sup>6</sup></b>		-	

PART B2

For the above cost table, please indicate the duration of the project in months: <sup>7</sup>	
For the above cost table, please indicate the % of working time the PI dedicates to the project over the period of the grant:	%

Specify briefly your commitment to the project and how much time you are willing to devote to the proposed project in the resources section. Please note that you are expected to devote at least 50% of your total working time to the ERC-funded project and spend at least 50% of your total working time in an EU Member State or Associated Country.



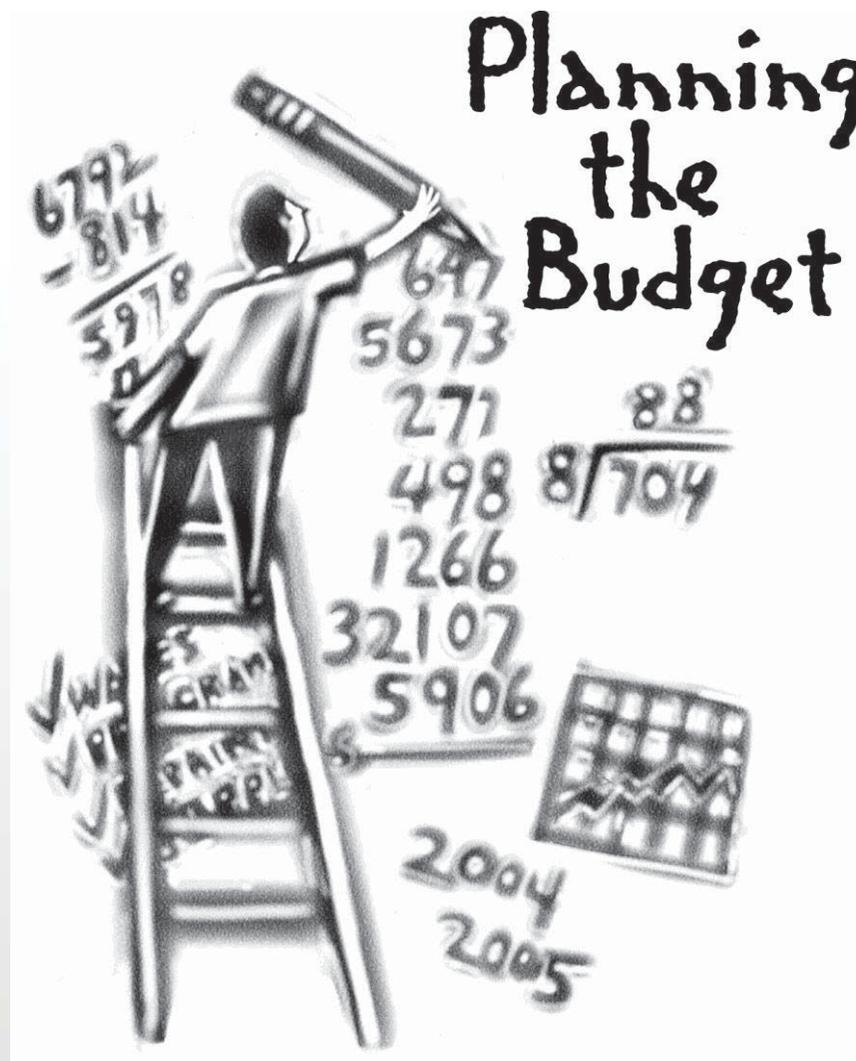


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Facciamo  
pratica





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## Direct personnel costs

Any beneficiary may include in its personnel costs:

<b>Personel</b>	<sup>3</sup> PI	
	Senior Staff	
	Postdocs	
	Students	
	Other	

- PI:** siete voi

**Normally: Personnel to be enrolled.**

Ruoli previsti: RTD – Assegno di Ricerca – Collaborazione Coordinata e Continuativa

- personnel in staff, who have permanent working contracts with the beneficiary; (Full time / part time) ????**
- personnel to be enrolled, who have temporary working contracts with the beneficiary**





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## Example: RTD

**Total Salary (statutory costs, including holiday pay, etc.):  
50.000€/year**

Total productive time = 12 months in a year

Monthly rate =  $50.000/12 = 4.166,66$

Total months of the project = 60

**% working time dedicates of PI to the project = 70%**

Please note that for Starting Grants you are expected to devote at least 50% of your total working time to the ERC-funded project and spend at least 50% of your total working time in an EU Member State or Associated Country

Total months worked for the project = 42

Total costs charged to the project =  $50.000/12 * 42 = €. 175.000$

<sup>3</sup> PI	175.000
Senior Staff	
Postdocs	
Students	-
Other	-



**To fill in the budget**





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**SENIOR STAFF :** Professor - Researchers

**Tables on-line for each research figure:**

<http://www.unimi.it/personale/persdoc/2076.htm>

Professore Ordinario costo lordo € 120.000/year

Total productive time = 12 months in a year

Monthly rate = 120.000/12

Total months of the project = 60

**% working time dedicates of PO to the project = 20%**

Total months worked for the project = 12

Total costs charged to the project = 120.000/12 \* 12 = €. 120.000



Ricercatore confermato: costo lordo € 70.000/year

Total productive time = 12 months in a year

Monthly rate = 70.000/12

Total months of the project = 60

**% working time dedicates of PO to the project = 30%**

Total months worked for the project = 18

Total costs charged to the project = 70.000/12 \* 18 = €. 105.000



Total costs charged to the project = 120.000 + 105.000 = **€. 225000**

  
**To fill in the budget**





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## POSTDOCS:

Post PHD Junior fellow - from € 23.400 to € x.xx

NR 2 Post PhD (costo/annuo di 30.000 x 4 anni) = **240.000€**

To fill in the budget

## STUDENTS

Dottorando (costo annuo 16.500 x 3 anni) = **49.500 €**

To fill in the budget

## OTHERS

CO.CO.CO (project Manager) (costo annuo 30.000 x 5 anni) = **150.000€**

To fill in the budget

<b>Personel</b>	<sup>3</sup> PI	175.000
	Senior Staff	
	Postdocs	240.000
	Students	49.500
	Other	150.000





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Cost category		Total in Euro	
2 Direct Costs	<b>Personel</b>	<sup>3</sup> PI	175.000
		Senior Staff	
		Postdocs	240.000
		Students	49.500
		Other	150.000
	<i>i. Total Direct Costs for Personel</i>		<b>614.500</b>
	<b>Travel</b>		
	<b>Equipment</b>		
	<b>Other goods and services</b>	Consumables	
		Publications (including Open Acces fees) , etc..	
Other ( please specificity)			
<i>ii. Total Other Direct Costs</i>		-	
<b>A- Total Direct Costs (i + ii)</b>		<b>614.500</b>	
<b>B- Indirect Costs (Overheads) 25% of Direct Costs<sup>4</sup></b>		<b>153.625</b>	
<b>C1 - Subcontracting Costs (no Overheads)</b>			
<b>C2- Other Direct Costs with no Overheads<sup>5</sup></b>		-	
<b>Total Estimated Elibible Costs (A + B + C) <sup>6</sup></b>		<b>768.125</b>	
<b>Total requested EU Contribution <sup>6</sup></b>		<b>768.125</b>	



MAX
Funding
1.500.000,00



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## SUBCONTRACTS

The general rule is that beneficiaries shall implement the project and **shall have the necessary resources to that end.**

However, it is accepted that, when the GA provides for it, accordingly, **certain tasks** of the work may be subcontracted.

Where it is necessary for the participants to subcontract certain elements of the work to be carried out, the following conditions must be fulfilled:

- subcontracts may only cover the **execution of a limited part of the project;**
- recourse to the award of subcontracts **must be duly justified in Part B2 of the proposal** having regard to the nature of the project **and what is necessary** for its implementation;
- recourse to the award of subcontract by a participant may not affect the rights and obligations of the participants regarding background and foreground.





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A subcontractor **is a third party** which has entered into an agreement on business conditions with one or more participants, in order **to carry out part of the work of the project** without the direct supervision of the participant and without a relationship of subordination.

The beneficiaries must award the subcontracts ensuring the **best value for money** or, if appropriate, the **lowest price**.

*Examples (subcontracts):*

*Testing and analysis of the resistance of a new component under high temperatures, if described in B2 as action task (€ 100.000)*



**To fill € 100.000 in the budget**

<b>C1 - Subcontracting Costs</b> (no Overheads)	100.000
<b>C2- Other Direct Costs with no Overheads<sup>5</sup></b>	-





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## DIRECT COSTS

**Travel costs and related subsistence allowances** (including related duties, taxes and charges such as non-deductible value added tax (VAT) paid by the beneficiary) **are eligible if they are in line with the beneficiary's usual practices on travel.** *(regolamento di missioni UNIMI)*

Travel costs must be **needed for the work in the project**, or for activities related to it.

**a) conferences/workshop, ecc** (to present a paper explaining the results of the project ). Travel costs related to a conference where no specific project related work will be performed or presented by the beneficiary would not be eligible.

\*la partecipazione a convegni/workshop comporta, di norma, il pagamento di una somma a titolo di iscrizione (che rappresenta un **servizio** ) per cui essa deve essere contabilizzata alla voce "**Other Good and Services**"  
**es 3.000€**





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**b) Travel for project meetings** (if any)

**c) Research travel**

All travel costs must be **limited to the needs of the action**; costs related to extensions (for other professional or private reasons) are NOT eligible.

**To fill €30.000 in the budget**

<b>Travel</b>		30.000
<b>Equipment</b>		
<b>Other goods and services</b>	Consumables	
	Publications (including Open Acces fees) , etc..	
	Other ( please specify)	3.000





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## DIRECT COSTS

### Equipment

This budget category **covers** the depreciation costs of equipment.

The beneficiary must apply its usual **depreciation system** for durable equipment.

#### **Example:**

*Total equipment cost = 200.000€*

*Invoice date: 5 months after project start*

*Duration of the project: 60 months*

*Equipment depreciation rate: 60 months*

*The amount of use (percentage used and time): 50%*

*Total costs charged to the project =  $200.000 \times (55/60) \times 50\% = 91.666,67$ .*



**To fill in the budget 91.666,67€**

<b>Travel</b>		30.000
<b>Equipment</b>		91.667
<b>Other goods and services</b>	Consumables	
	Publications (including Open Acces fees) , etc..	
	Other ( please specify)	3.000





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## DIRECT COSTS: Other goods and services

The list of goods and services that may be declared under this article includes:

- consumables and supplies: **€ 50.000**
- Publication and dissemination costs (including open access during the action): **€ 10.000**
- conference fees for presenting project-related research; **€ 3.000**
- translation costs may be eligible (is necessary ): **€ 7.000€**
- Analysis: **€ 25.0000**
- IPR costs, Protection of results, ....
- is justified, etc. certificates on financial statements (CFS) **€ 10.000**

### Article 34 GA : Certificate on the financial statements

The certificate on the financial statements shall cover the **total amount** of the grant claimed by **a participant** under the form of **reimbursement of actual costs**, and **personnel costs declared on the basis of unit costs** , **excluding** the amounts declared on the basis of **lump sums, flat rates and unit costs other than those for personnel costs**.

The certificate shall be submitted only when **that amount** is equal to or greater than **325 000€** at the time of **claiming the payment of the balance of the grant**.





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If there is any doubt about whether a cost is eligible, the beneficiaries should contact the Commission/Agency.

<b>Travel</b>		30.000
<b>Equipment</b>		91.667
<b>Other goods and services</b>	Consumables	50.000
	Publications (including Open Acces fees) , etc..	10.000
	Other ( please specify)	45.000
<i>ii. Total Other Direct Costs</i>		<b>226.667</b>





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Cost category			Total in Euro
2 Direct Costs	Personel	<sup>3</sup> PI	175.000
		Senior Staff	
		Postdocs	240.000
		Students	49.500
		Other	150.000
	<i>i. Total Direct Costs for Personel</i>		<b>614.500</b>
	Travel		30.000
	Equipment		91.667
	Other goods and services	Consumables	50.000
		Publications (including Open Acces fees) , etc..	10.000
		Other ( please specify)	45.000
<i>ii. Total Other Direct Costs</i>		<b>226.667</b>	
<b>A- Total Direct Costs (i + ii)</b>			<b>841.167</b>
<b>B- Indirect Costs (Overheads) 25% of Direct Costs<sup>4</sup></b>			<b>210.292</b>
<b>C1 - Subcontracting Costs (no Overheads)</b>			100.000
<b>C2- Other Direct Costs with no Overheads<sup>5</sup></b>			-
<b>Total Estimated Elibible Costs (A + B + C) <sup>6</sup></b>			<b>1.151.458</b>
<b>Total requested EU Contribution <sup>6</sup></b>			<b>1.151.458</b>

PART B2



OK





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Participant Number in this proposal	Organisation Short Name	Organisation Country	Total eligible costs/€ (including 25% indirect costs) ?	Requested grant/€
1	UMIL	IT	1.151.458	1.151.458
Total			0	0

The **maximum** award is reduced **pro rata** temporis for projects of a shorter duration (e.g. for a project of 48 months duration the maximum requested EU contribution allowed is EUR 1.6 million).

However, up to an **additional EUR 500 000** can be requested in the proposal to cover:

- (a) eligible "start-up" costs for Principal Investigators moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant
- (b) the purchase of major equipment
- (c) access to large facilities.

Additional funding to cover major one-off costs is not subject to pro-rata temporis reduction for projects of shorter duration.





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Generally, there are two payment approach:

## **Reimbursement of costs:**

The funder will reimburse our costs **after the periodic or final report** in which we CLAIM our costs.

An advance payment is possible but the money will belong to us only after the report.

---

## **Payment for the contract:**

The funder will pay in one or more installments for the contract signed. One or more financial and activity reports are foreseen.





# HORIZON 2020 - ERC- St. Grant



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## ARTICLE 20 GA — REPORTING — PAYMENT REQUESTS

### 20.1 Obligation to submit reports

The principal beneficiary must submit to the Agency the **scientific and financial reports** set out in this Article.

The financial report includes the requests for payments.

The reports must be drawn up using the forms and templates provided in the **electronic** exchange system.





# HORIZON 2020 - ERC- St. Grant



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## 20.2 GA - Scientific reporting — Reporting periods

The action is divided into the following **'scientific reporting periods'**:

- **SRP1: from month 1 to month [X] –**
- **SRP2: from month [X+1] to month [Y]**
- **SRP3: from month [Y+1] to month [Z]**
- **.....**
- **final SRP: from month [N+1] to [the last month of the project)**

The principal beneficiary must submit to the Agency a:

- **'periodic scientific report' within 60 days** after the end of **each** period (except the last one) and
- **'final scientific report' within 60 days** after the end of the **last** reporting period.





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**The periodic scientific report** must include:

- (a) information about the scientific progress of the work;
- (b) achievements and results of the action, such as publications and a declaration of any major change of scientific strategy;
- (c) information on whether and how open access has been provided to these results (see Article 29);
- (d) a summary of the achievements of the action for publication by the Agency.

**The final scientific report** must:

- (a) present the final results, achievements and conclusions of the action, and how they have been disseminated (including via scientific publications) (see Article 29);
- (b) contain a summary of the achievements of the action, for publication by the Agency..





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## 20.3 GA Financial reporting – Payment requests – Reporting periods

The action is divided into the following 'financial reporting periods':

- FRP1: from month 1 to month [X] - [
- FRP2: from month [X+1] to month [ Y] -
- FRP3: from month [Y+1] to month [Z] -
- .....
- final FRP: from month [N+1] to [the last month of the project]

The principal beneficiary must — **within 60 days** after the end of each period — submit to the Agency a 'financial report' for each reporting period.

For the last financial reporting period only: a '**certificate on the financial statements**' (see Annex 5) for the beneficiary [*and linked third party*], if it requests a total contribution of EUR 325 000 or more, as reimbursement of actual costs and unit costs calculated on the basis of its usual cost accounting practices.





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## The financial report must contain:

- (a) information on the eligible costs, including a 'breakdown of direct costs table' and a 'budget follow-up table';
- (b) an 'individual financial statement' (see [Annex 4](#)) from each beneficiary [and from each linked third party] for the reporting period concerned.

The individual financial statement must detail the eligible costs for each budget category.

The beneficiaries must declare all eligible costs, even if — for actual costs, unit costs and flat-rate costs — they exceed the amounts indicated in the estimated budget.

Amounts which are not declared in a financial statement will not be taken into account by the Agency.





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## ARTICLE 21 – PAYMENTS AND PAYMENT ARRANGEMENTS

### 21.1 Payments to be made

The following payments will be made to the coordinator:

- one **pre-financing payment;**
- one or more **interim payments, on the basis of the request(s) for interim payment,** and
- one **payment of the balance, on the basis of the request for payment of the balance.**

UNIMI will give you the money in advance and .....recovers the money through the payment **periodic or final report.**





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## Art 7.1 GA

### General obligation to properly implement the action

The beneficiary **must implement the action as described in Annex B** and in compliance with the provisions of the Agreement and all legal obligations under applicable EU, international and national law.

**The beneficiary must ensure that the action tasks described in Annex B** are performed under the guidance of the principal investigator.

If the beneficiary breaches any of its obligations under this Article, **the grant may be reduced**









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Cost category		Total in Euro	
2 Direct Costs	Personel	<sup>3</sup> PI	175.000
		Senior Staff	
		Postdocs	240.000
		Students	49.500
		Other	150.000
	<i>i. Total Direct Costs for Personel</i>		<b>614.500</b>
	Travel		30.000
	Equipment		91.667
	Other goods and services	Consumables	50.000
		Publications (including Open Acces fees) , etc..	10.000
Other ( please specify)		45.000	
<i>ii. Total Other Direct Costs</i>		<b>226.667</b>	
<b>A- Total Direct Costs (i + ii)</b>		<b>841.167</b>	
<b>B- Indirect Costs (Overheads) 25% of Direct Costs<sup>4</sup></b>		<b>210.292</b>	
<b>C1 - Subcontracting Costs (no Overheads)</b>		100.000	
<b>C2- Other Direct Costs with no Overheads<sup>5</sup></b>		-	
<b>Total Estimated Elibible Costs (A + B + C) <sup>6</sup></b>		<b>1.151.458</b>	
<b>Total requested EU Contribution <sup>6</sup></b>		<b>1.151.458</b>	

PART B2



OK





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UNIVERSITÀ DEGLI STUDI DI MILANO  
DIVISIONE SERVIZI PER LA RICERCA



Compilare solo le caselle in GIALLO		H2020 ERC "STARTING GRANT"										
Piano finanziario progetto H2020							Resp Scientif. -					
PI -							% of working time the PI dedicates to the project over the period of the grant					
Titolo del progetto -							Acronimo -					
Ente							** Durata (mesi)				-	OK
		da ...a....	da ...a....	da ...a....	da ...a....	da ...a....						
Anni		1	2	3	4	5	Tot. Periodi	Totale s/voce	Totale voce	TOTALE		
<b>A1 PI Principal Investigator in staff</b>												
A1 Personnel in staff (Prof/Ric/tech/other already in staff)												
A1 Principal Investigator to be enrolled (50 k€)		35.000	35.000	35.000	35.000	35.000	175.000					
A1 Post PHD		30.000	60.000	60.000	60.000	30.000	240.000	464.500				
A1 PHD students			16.500	16.500	16.500		49.500					
Other												
A1 Cococo / Assunzioni CCNL		30.000	30.000	30.000	30.000	30.000	150.000					
A3 Seconded Persons ( in beneficiary's premises)												
A4 SME owners									150000			
A5 Beneficiary that are natural persons												
A6 Personnel for providing access												
<b>D1 - TRAVEL</b>												
Spese di viaggio e soggiorno (Only Dissemination)			2.000		2.000	2.000	6.000					
Spese di viaggio e soggiorno (per il progetto)		4.000	4.000	5.000	5.000	6.000	24.000	30.000		30.000		
Spese di viaggio e soggiorno (relatori workshop)												
<b>D2 - EQUIPMENT</b>												
Apparecchiature scientifiche ( quota amm.to 60 mesi)		91.667					91.667					
Pc, stampanti (quota amm.to 36 mesi)		-					-	91.667		91.667		
Equipment by third party used on beneficiary's premises												
<b>D3 - OTHER GOODS AND SERVICES (consum., publications, ..)</b>												
Reagenti		5.000	15.000	15.000	10.000	5.000	50.000					
Reagenti chimici									50.000			
Altro materiale di consumo (specify .....												
Pubblicazioni					3.000	7.000	10.000	10.000				
Audit									10.000			
Servizi (spese di iscrizione a convegni, workshop, ecc)				1.000	1.000	1.000	3.000					
Altro (traduzioni )									7.000			
Altro (analisi)		5.000	5.000	10.000	5.000	4.500	25.000	45.000				
Organizzazione workshop (Catering,renting; .....												
<b>D4 - Costs of large research infrastructure</b>												
//												
//												
//												
//												
<b>DIRECT COSTS</b>		200.667	168.500	177.000	164.500	130.500	841.167	841.167	841.167	841.167		
<b>E INDIRECT COSTS (Overheads)</b>												
FLATRATE (Cancelleria, manutenzioni, gas, elettricità, ...)		50.167	42.125	44.250	41.125	32.625	210.292	210.292	210.292	210.292		
<b>Subcontracting (No Indirect costs)</b>												
Consulenze task 1 -				25.000	25.000	-	50.000					
Consulenze task 3		-	50.000	-			50.000	100.000		100.000		
Consulenze task 4 (descrivere)												
In-kind contrib. not used on premises ( No Indirect costs)												
Altro (personell )												
Altro (equipment)									0			
<b>TOTAL ESTIMATED BUDGET</b>		250.833	285.625	246.250	205.625	163.125	1.151.458	1.151.458	1.151.458	1.151.458		
									Maximum EU	Requested EU		



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## Quadro riassuntivo entrate e spese

Spese a carico CE	1.151.458		100%
Spese da sostenere realmente <b>in rosso</b>	<b>941.167</b>		
Irap			
Ammortamenti (quota NON esponibile)	<b>108.333</b>		
PI stipendio non rendicontabile	<b>75.000</b>		30%
Ritenuta Ente (3,5% del Requested Grant)	<b>40.301</b>		
Differenza	<b>- 13.343</b>		

**Saldo progetto Negativo**





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Esercitazione

sul Form

UNIMI





# HORIZON 2020 - ERC- St. Grant



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## Direct personnel costs

### RTD (PI)

**Total Salary (statutory costs, including holiday pay, etc.): 50.000€/year**

Total productive time = 12 months in a year

Monthly rate = 50.000/12

Total months of the project = 60

**% working time dedicates of PI to the project = 70%**

Total months worked for the project = 42

Total costs charged to the project =  $50.000/12 * 42 = €. 175.000$



PERSONNEL TO BE ENROLLED			Cost/year	IRAP	Net value	Effort month 1 ^year	Total costs 1 ^year	Effort month 2 ^year	Total costs 2 ^year	Effort month 3 ^year	Total costs 3 ^year	Effort month 4 ^year	Total costs 4 ^year	Effort month 5 ^year	Total costs 5 ^year	Total costs	eligible cost actual
Personnel involved	Nominativo	Ente società		6,20%													
P.I. Researcher	RTD	UNIMI	50.000	3.100	46.900	8,40	32.830	8,40	32.830	8,40	32.830	8,4	32.830	8	32.830	164.150	
tecnico di laboratorio	to be enrolled	UNIMI			-		-		-		-		-		-		
CO.CO.CO	to be enrolled	UNIMI	30.000	1.860	28.140	12	28.140	12	28.140	12	28.140	12	28.140	12	28.140	140.700	
Assegno di ricerca	to be enrolled	UNIMI	30.000		30.000	12	30.000	12	30.000	12	30.000	12	30.000	12	30.000	120.000	
Assegno di ricerca	to be enrolled	UNIMI	30.000		30.000		-	12	30.000	12	30.000	12	30.000	12	30.000	120.000	
Assegno di ricerca	to be enrolled	UNIMI			-		-		-		-		-		-		
Dottorando	to be enrolled	UNIMI	16.500		16.500		-	10	13.750	10	13.750	10	13.750		-	41.250	
Dottorando	to be enrolled				-		-		-		-		-		-		
<b>totale</b>							58.140	46	101.890	46	101.890	46	101.890	24	58.140	421.950	

**IRAP non è eleggibile**







# HORIZON 2020 - ERC- St. Grant



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## POSTDOCS:

Post PHD Junior fellow - from € 23.400 to € x.xx

NR 2 Post PhD (costo/annuo di 30.000 x 4 anni) = **240.000€**

## STUDENTS

Dottorando (costo annuo 16.500 x 36 mesi- (6 mesi di formazione) = **€ 41.250**

## OTHERS

CO.CO.CO (project Manager) (costo annuo 30.000 x 5 anni - IRAP) = **140.700€**

PERSONNEL TO BE ENROLLED																
																eligible cost
																actual
			Cost/year	IRAP	Net value	Effort month 1 ^year	Total costs 1 ^year	Effort month 2 ^year	Total costs 2 ^year	Effort month 3 ^year	Total costs 3 ^year	Effort month 4 ^year	Total costs 4 ^year	Effort month 5 ^year	Total costs 5 ^year	Total costs
Personnel involved	Nominativo	Ente società		6,20%												
P.I. Researcher	RTD	UNIMI	50.000	3.100	46.900	8,40	32.830	8,40	32.830	8,40	32.830	8,4	32.830	8	32.830	164.150
Tecnico di laboratorio	to be enrolled	UNIMI		-	-		-		-		-		-		-	-
CO.CO.CO	to be enrolled	UNIMI	30.000	1.860	28.140	12	28.140	12	28.140	12	28.140	12	28.140	12	28.140	140.700
Assegno di ricerca	to be enrolled	UNIMI	30.000		30.000	12	30.000	12	30.000	12	30.000	12	30.000	12	30.000	120.000
Assegno di ricerca	to be enrolled	UNIMI	30.000		30.000		-	12	30.000	12	30.000	12	30.000	12	30.000	120.000
Assegno di ricerca	to be enrolled	UNIMI			-		-		-		-		-		-	-
Dottorando	to be enrolled	UNIMI	16.500		16.500		-	10	13.750	10	13.750	10	13.750		-	41.250
Dottorando	to be enrolled				-		-		-		-		-		-	-
<b>totale</b>							58.140	46	101.890	46	101.890	46	101.890	24	58.140	421.950





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<b>A DIRECT PERSONNEL COSTS</b>	A1 PI Principal Investigator in staff						-	49.245	635.345	635.345
	A1 Personnel in staff (Prof/Ric/tech/other already in staff)	9.849	9.849	9.849	9.849	9.849	49.245			
	A1 Principal Investigator to be enrolled (50 k€)	32.830	32.830	32.830	32.830	32.830	164.150	445.400		
	A1 Post PHD	30.000	60.000	60.000	60.000	30.000	240.000			
	A1 PHD students		13.750	13.750	13.750		41.250			
	Other						-			
	A1 Cococo / Assunzioni CCNL	28.140	28.140	28.140	28.140	28.140	140.700	140700		
	A3 Seconded Persons ( in beneficiary's premises)						-			
	A4 SME owners						-			
	A5 Beneficiary that are natural persons						-			
A6 Personnel for providing access						-				

<b>Personel</b>	<sup>3</sup> PI	164.150
	Senior Staff	49.245
	Postdocs	240.000
	Students	41.250
	Other	140.700
<b><i>i. Total Direct Costs for Personel</i></b>		<b>635.345</b>





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Compilare solo le caselle in GIALLO		H2020 ERC "STARTING GRANT"								
Piano finanziario progetto H2020							Resp Scientif. -			
PI -							% of working time the PI dedicates to the project over the period of the grant			
Titolo del progetto -							Acronimo -			
Ente							★★ Durata ( mesi)		-	OK
		da ....a....	da ....a....	da ....a....	da ....a....	da ....a....				
Anni		1	2	3	4	5	Tot. Periodi	Totale s/voce	Totale voce	TOTALE

D OTHER DIRECT COSTS										
<b>D1 - TRAVEL</b>										
Spese di viaggio e soggiorno (Only Dissemination)			2.000		2.000	2.000	6.000			
Spese di viaggio e soggiorno (per il progetto)		4.000	4.000	5.000	5.000	6.000	24.000	30.000	30.000	
Spese di viaggio e soggiorno (relatori workshop)							-			
<b>D2 - EQUIPMENT</b>										
Apparecchiature scientifiche ( quota amm.to 60 mesi)		91.667					91.667	91.667	91.667	
Pc stampanti (quota amm.to 36 mesi)							-			
Equipment by third party used on beneficiary's premises							-			
<b>D3 - OTHER GOODS AND SERVICES (consum., publications, ..)</b>										
Reagenti		5.000	15.000	15.000	10.000	5.000	50.000			
Reagenti chimici							-	50.000		
Altro materiale di consumo (specify .....							-			
Pubblicazioni				3.000		7.000	10.000	10.000		
Audit						10.000	10.000			
Servizi (spese di iscrizione a convegni, workshop, ecc)			1.000		1.000	1.000	3.000			
Altro (traduzioni )				2.500		4.500	7.000	45.000		
Altro (analisi)		5.000	5.000	10.000	5.000		25.000			
Organizzazione workshop (Catering,renting; .....							-			
<b>D4 - Costs of large research infrastructure</b>										
//							-			
//							-			
//							-			
<b>TOTAL DIRECT COSTS</b>		206.486	171.569	180.069	167.569	136.319	862.012	862.012	862.012	862.012

UNIVERSITÀ DEGLI STUDI DI MILANO  
DIVISIONE SERVIZI PER LA RICERCA



Pianificazione dei costi sui 5 anni del progetto  
Visione complessiva del progetto





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## Equipment : calcolo dell'ammortamento

Responsabile Scientifico					
Acronimo/Titolo Progetto					
Partner - UNIMI		DURATA MESI PROGETTO : ____			
Calcolo costi di ammortamento per ATTREZZATURE, STRUMENTAZIONI					
DESCRIZIONE ATTREZZATURE	COSTO TOTALE	PERIODO AMMORTAMENTO 60 mesi Attrezzature scientifiche 36 Attrezzature informatiche	MESI DI UTILIZZO NEL PROGETTO	% UTILIZZO NEL PROGETTO (si consiglia di non prevedere il 100%)	TOTALE AMMORTAMENTO AMMISSIBILE
attrezzatura	200.000,00	60	55	50	91.666,67
		60			-
		60			-
		60			-
		<b>TOTALE PARZIALE ATTREZZATURE SCIENTIFICHE</b>			<b>91.666,67</b>
		36			-
		36			-
		36			-
		36			-
		<b>TOTALE PARZIALE ATTREZZATURE INFORMATICHE</b>			<b>-</b>
<b>Totale</b>	200.000,00				<b>91.666,67</b>
<b>N.B.:</b>	<b>ATTENZIONE</b> →			differenza non ammortabile da inputare su Overheads o altri fondi	<b>108.333,33</b>
<p>le attrezzature scientifiche hanno un periodo di deprezzamento pari a 60 mesi, quelle informatiche, hanno un periodo di deprezzamento pari a 36 mesi (si consiglia di acquistarle all'inizio del progetto)</p> <p>- le attrezzature possono essere utilizzate anche per altri progetti (si riduce la % di utilizzo sul progetto)</p>					

cliccare solo sulle caselle evidenziate in giallo





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## Subcontracts

Compilare solo le caselle in GIALLO		H2020 ERC "\$STARTING GRANT"								
Piano finanziario progetto H2020							Resp Scientif. -			
PI -							% of working time the PI dedicates to the project over the period of the grant			
Titolo del progetto -							Acronimo -			
Ente							★★ Durata ( mesi)		-	OK
		da ...a....	da ...a....	da ...a....	da ...a....	da ...a....				
Anni		1	2	3	4	5	Tot. Periodi	Totale s/voce	Totale voce	TOTALE
Subcontracting (No Indirect costs)										
B Subcontracts	Consulenze task 1 -		25.000	25.000	-		50.000			
	Consulenze task 3	-		-			-	50.000	50.000	50.000
	Consulenze task 4 (descrivere)				-		-			

<b>C1 - Subcontracting Costs</b> (no Overheads)	50.000
<b>C2- Other Direct Costs with no Overheads<sup>5</sup></b>	-





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## Budget finale

Potrebbe risultare molto utile in sede di interview presso la Commissione UE

Compilare solo le caselle in GIALLO		H2020 ERC "STARTING GRANT"									
Piano finanziario progetto H2020							Resp Scientif. -				
PI -							% of working time the PI dedicates to the project over the period of the grant				
Titolo del progetto -							Acronimo -				
Ente							** Durata (mesi)		- OK		
		da ...a... da ...a... da ...a... da ...a... da ...a...									
Anni		1	2	3	4	5	Tot. Periodi	Totale s/voce	Totale voce	TOTALE	
A DIRECT PERSONNEL COSTS	A1 PI Principal Investigator in staff						-				
	A1 Personnel in staff (Prof/Ric/tech/other already in staff)	9.849	9.849	9.849	9.849	9.849	49.245	49.245			
	A1 Principal Investigator to be enrolled (50 k€)	32.830	32.830	32.830	32.830	32.830	164.150				
	A1 Post PHD	30.000	60.000	60.000	60.000	30.000	240.000	445.400			
	A1 PHD students		13.750	13.750	13.750		41.250		635.345	635.345	
	Other						-				
	A1 Ciccoco / Assunzioni CCNL	28.140	28.140	28.140	28.140	28.140	140.700				
A3 Seconded Persons (in beneficiary's premises)						-		140700			
A4 SME owners						-					
A5 Beneficiary that are natural persons						-					
A6 Personnel for providing access						-					
D OTHER DIRECT COSTS	D1 - TRAVEL										
	Spese di viaggio e soggiorno (Only Dissemination)			2.000		2.000	2.000	6.000			
	Spese di viaggio e soggiorno (per il progetto)		4.000	4.000	5.000	5.000	6.000	24.000	30.000	30.000	
	Spese di viaggio e soggiorno (relatori workshop)							-			
	D2 - EQUIPMENT										
	Apparecchiature scientifiche ( quota ann. to 60 mesi)		91.667					91.667			
	Pc, stampanti (quota ann. to 36 mesi)		-					-	91.667	91.667	
	Equipment by third party Used on beneficiary's premises							-			
	D3 - OTHER GOODS AND SERVICES (consum., publications, ...)										
	Reagenti		5.000	15.000	15.000	10.000	5.000	50.000			
	Reagenti chimici							-	50.000		
	Altro materiale di consumo (specify .....							-			
	Pubblicazioni				3.000		7.000	10.000	10.000		
	Audit						10.000	10.000		105.000	
	Servizi (spese di iscrizione a convegni, workshop, ecc)			1.000		1.000	1.000	3.000			
Altro (traduzioni)				2.500		4.500	7.000	45.000			
Altro (analisi)		5.000	5.000	10.000	5.000		25.000				
Organizzazione workshop (Catering,renting; .....							-				
D4 - Costs of large research infrastructure											
//							-				
//							-				
//							-				
TOTAL DIRECT COSTS		206.486	171.569	180.069	167.569	136.319	862.012	862.012	862.012	862.012	
E Indirect Costs (23%)	E INDIRECT COSTS (Overheads)										
	FLAT RATE (Cancelleria, manutenzioni, gas, elettricità, ...)		51.621	42.892	45.017	41.892	34.080	215.503	215.503	215.503	215.503
Subcontracting (No indirect costs)											
B Subcontracts	Consulenze task 1 -			25.000	25.000	-		50.000			
	Consulenze task 3							-	50.000	50.000	50.000
	Consulenze task 4 (descrivere)							-			
In-kind contrib. not used on premises (No indirect costs)											
Altro (personell)							-				
Altro (equipment)							-			0	
TOTAL ESTIMATED BUDGET		258.107	239.461	250.086	209.461	170.399	1.127.515	1.127.515	Maximum EU	Requested EU	
									1.127.515	1.127.515	





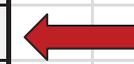
# HORIZON 2020 - ERC- St. Grant



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## Budget Proposal

Cost category		Total in Euro	
2 Direct Costs	Personel	<sup>3</sup> PI	164.150
		Senior Staff	49.245
		Postdocs	240.000
		Students	41.250
		Other	140.700
	<i>i. Total Direct Costs for Personel</i>		<b>635.345</b>
	Travel		30.000
	Equipment		91.667
	Other goods and services	Consumables	50.000
		Publications (including Open Acces fees) , etc..	10.000
		Other ( please specify)	45.000
<i>ii. Total Other Direct Costs</i>		<b>226.667</b>	
<b>A- Total Direct Costs (i + ii)</b>		<b>862.012</b>	
<b>B- Indirect Costs (Overheads) 25% of Direct Costs<sup>4</sup></b>		<b>215.503</b>	
<b>C1 - Subcontracting Costs (no Overheads)</b>		50.000	
<b>C2- Other Direct Costs with no Overheads<sup>5</sup></b>		-	
<b>Total Estimated Elibible Costs (A + B + C) <sup>6</sup></b>		<b>1.127.515</b>	
<b>Total requested EU Contribution <sup>6</sup></b>		<b>1.127.515</b>	



PART B2



OK





# HORIZON 2020 - ERC- St. Grant



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## Quadro riassuntivo entrate e spese

Spese a carico CE	1.127.515
Spese da sostenere realmente <b>in rosso</b>	<b>862.767</b>
Irap	<b>24.800</b>
Ammortamenti (quota NON esonibile)	<b>108.333</b>
PI stipendio non rendicontabile	<b>70.350</b>
Ritenuta Ente (3,5% del Requested Grant)	<b>39.463</b>
Differenza	<b>21.802</b>

**Saldo progetto positivo**





# HORIZON 2020 - ERC- St. Grant



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Thanks for your attention

**Divisione Servizi per la Ricerca**

**Ufficio Auditing e Consulenza Contabile progetti**

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## Ripartizione finanziamento Horizon 2020

Horizon 2020 (2014-2020)		
	Final breakdown	Estimated final amount in million euro (in current prices)
<b>I Excellent science, of which:</b>	<b>31.73%</b>	<b>24 441</b>
1. The European Research Council	17%	13 095
2. Future and Emerging Technologies	3.50%	2 696
3. Marie-Sklodowska-Curie Actions	8%	6 162
4. European research infrastructures (including einfrastructures)	3.23%	2 488
<b>II Industrial leadership, of which:</b>	<b>22.09%</b>	<b>17 016</b>
1. Leadership in enabling and industrial technologies	17.60%	13 557
2. Access to risk finance	3.69%	2 842
3. Innovation in SMEs	0.80%	616
<b>III Societal challenges, of which</b>	<b>38.53%</b>	<b>29 679</b>
1. Health, demographic change and wellbeing;	9.70%	7 472
2. Food security, sustainable agriculture and forestry, marine maritime and inland water research and the Bioeconomy;	5%	3 851
3. Secure, clean and efficient energy	7.70%	5 931
4. Smart, green and integrated transport	8.23%	6 339
5. Climate action, environment resource efficiency and raw materials	4%	3 081
6. Europe in a changing world - Inclusive innovative and reflective societies	1.70%	1 309
7. Secure societies - Protecting freedom and security of Europe and its citizens	2.20%	1 695
<b>Science with and for society</b>	<b>0.60%</b>	<b>462</b>
<b>Spreading excellence and widening participation</b>	<b>1.06%</b>	<b>816</b>
<b>European Institute of Innovation and Technology (EIT)</b>	<b>3.52%</b>	<b>2 711</b>
<b>Non-nuclear direct actions of the JRC</b>	<b>2.47%</b>	<b>1 903</b>
<b>TOTAL EU REGULATION</b>	<b>100%</b>	<b>77 028</b>
<b>Fusion indirect actions</b>	<b>45.42%</b>	<b>728</b>
<b>Fission indirect actions</b>	<b>19.68%</b>	<b>316</b>
<b>Nuclear direct actions of the JRC</b>	<b>34.90%</b>	<b>560</b>
<b>TOTAL EURATOM REGULATION 2014-2018</b>	<b>100%</b>	<b>1 603</b>

