



ERA-NET Cofund under Horizon 2020

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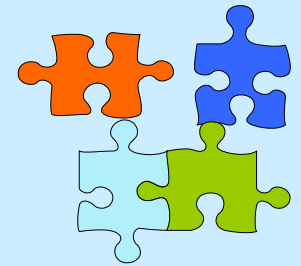
*Research &
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ERA-NET FP6/FP7 – the principles

ERA-NET

Coordination of programmes

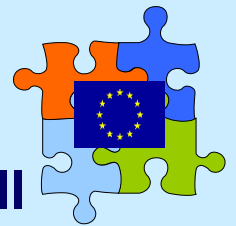
- ✓ MS agree and fund joint calls/programmes
- ✓ EU funding only for coordination



ERA-NET *Plus*

New in FP7: Top up of a single joint call

- ✓ MS contribute to a joint trans-national call
- ✓ EU funding for research: $\leq 33\%$ of the joint call



Example: E-RARE

- There are 7000 rare diseases, which, although individually rare (by definition they affect less than one person in every 2000), taken together affect some 30 million European citizens. Their rarity itself constitutes a real obstacle to research. The thin distribution of patients makes it hard to gather enough subjects for proper studies.
- Rare diseases are a prime example of a research area that could strongly profit from coordination on a European scale.
- The ERA-NET E-Rare has developed a common European programme on rare disease research. Together with the rare diseases related calls in FP7, the six joint calls with a total of € 60 Million of E-Rare effectively coordinate 30 to 40% of all rare disease research in the ERA with a high EU added value demonstrating synergy between Member State and the EU.

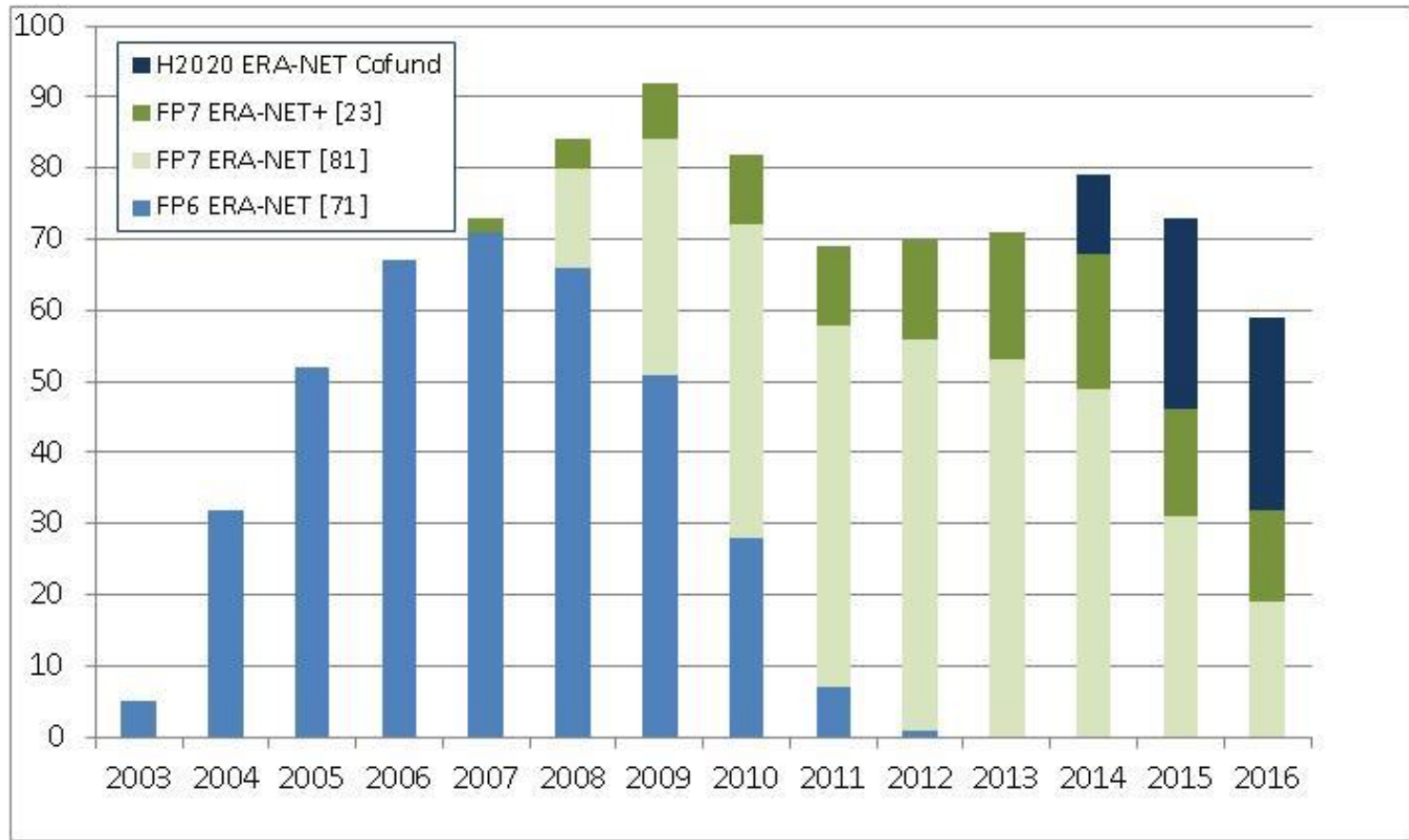
Example: M-ERA.NET

- thematic ERA-NET: “From materials science and engineering to innovation for Europe”
- largest ERA-NET: 25 European countries, 36 funding organisations [2/2012-1/2016]

Mission:

- **joint strategic programming of joint activities addressing societal and technological needs in an interdisciplinary approach;**
- **create umbrella structure to allow flexible coverage of topics in materials science and engineering, including future topics in variable geometry;**
- **support the exploitation of knowledge along the whole innovation chain**
- **establish international cooperation with the most appropriate partners for specific global challenges (e.g. Taiwan, Japan, Korea, USA, Brazil);**
- **implement joint calls and other joint activities based on good practices**
- **mobilise a critical mass of funding for Materials Science & Engineering**
- **coherent and transparent communication of opportunities to the researchers**

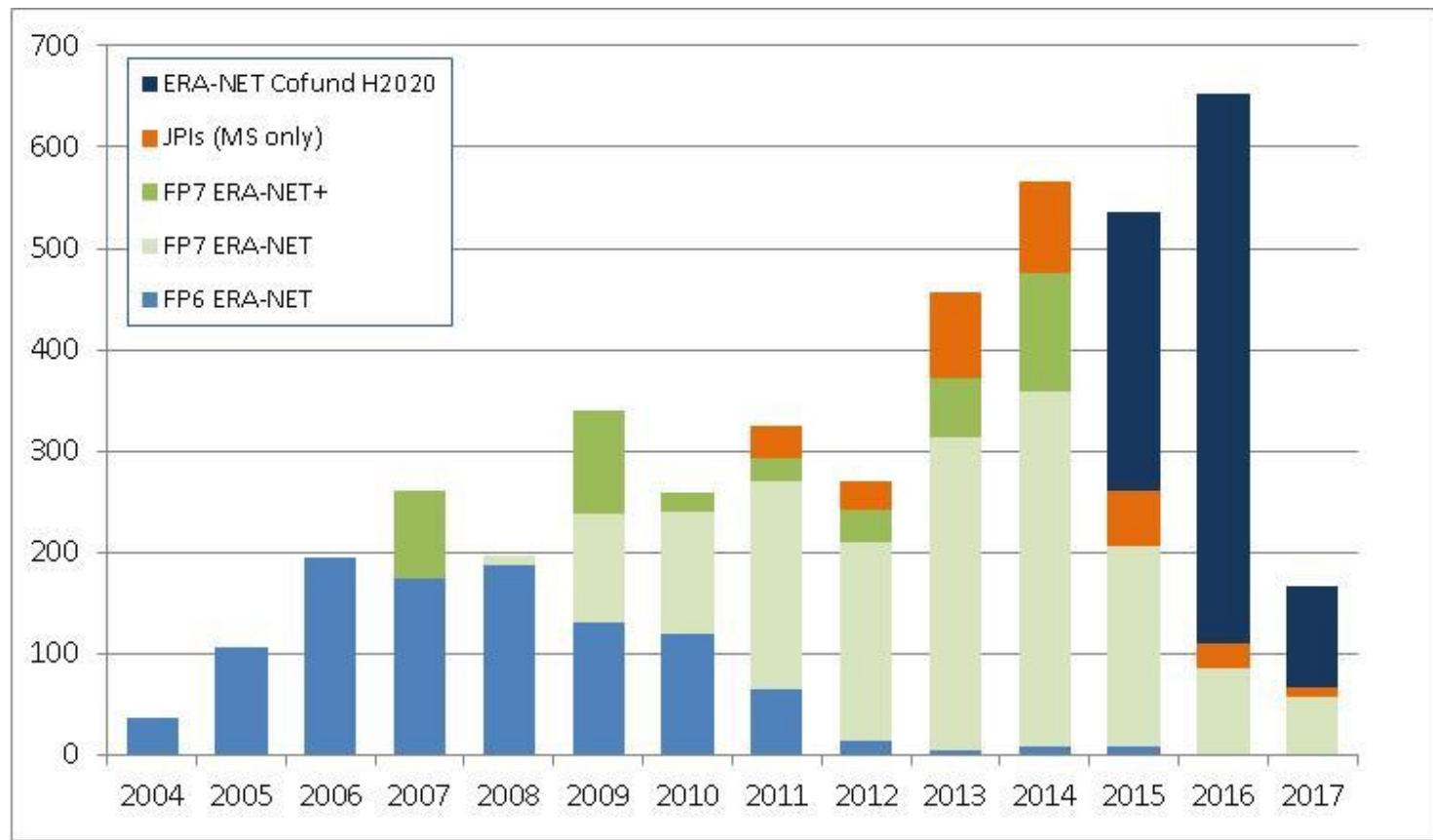
Number of running ERA-NET actions





European
Commission

ERA-NET, ERA-NET Plus, ERA-NET Cofund and JPIs calls: total of > Euro 4 Billion by 2016



ERA-NET Cofund – main features

ERA-NET Cofund: implementation of a co-funded joint call for proposals (compulsory, one co-funded call per Grant Agreement)*

EU contribution: mainly a proportional contribution to total public funding of the joint call

Additional EU contribution to coordination costs on the basis of a unit costs for additional activities including additional calls without top-up funding

Stable reimbursement rate: ERA-NET Plus reimbursement rate from FP7 (33%) applies

Co-funded calls: proposal evaluation and selection according to Horizon 2020 standards

* ERA-NETs based on a Coordination and Support Action (CSA) are no longer possible. Only in exceptional cases it might be considered to support the preparation and structuring of specific emerging P2Ps that demonstrate clear European added value.

Who can participate ?

- **Eligibility conditions ERA-NET Cofund similar to ERA-NET under FP7.**
- Participation is limited to entities that can fully participate in joint calls and other actions between national and regional programmes.
- Participants in ERA-NET Cofund actions must be research funders: legal entities owning or managing public research and innovation programmes.
- **Programme Owners** are typically national/regional ministries/authorities responsible for defining, financing or managing research programmes carried out at national or regional level.
- **Programme Managers** are typically research councils or funding agencies or other national or regional organisations that implement research programmes under the supervision of the programme owners. Their participation has to be mandated by the national/regional authorities in charge (normally the responsible Ministry).
- Only in addition to the minimum conditions, and if justified by the nature of the action, **programmes funded by other entities** (international programmes, foundations or other non-public programmes) may participate.

A. Implementation of a single joint call (MS contribution in cash)

- Call for proposals organised by national/regional funding agencies
- Activities: call preparation, implementation and follow-up
- **Eligible costs:** financial support paid to third parties

B. Implementation of a single joint call (MS contribution in cash) and additional activities

- Call and activities as in A.
- Additional joint activities including additional joint calls without Union top-up funding.
- **Eligible costs:** financial support paid to third parties and coordination costs for additional activities (unit costs per beneficiary per year).

C. Implementation of a single joint call (MS contribution in kind)

In exceptional cases

- Call for proposals organised by governmental research organisations
- Beneficiaries carry out the projects resulting from the call themselves
- **Eligible costs:** costs of trans-national projects on the basis of Horizon 2020 rules
- In-kind contributions: non-reimbursed expenditure

Co-funded call: Rules for providing support to or implementation of trans-national projects

(Important: these are conditions for costs to be eligible!)

The beneficiaries must

provide financial support to trans-national projects

or

implement such projects (partially or fully) themselves

The proposals/projects must

- be **transnational projects** (at least two independent entities from two different EU Member States or associated countries)
- be selected following a joint transnational **call for proposals, two-step procedure**
- be evaluated in step 2, with the assistance of at least **three independent experts**, on the basis of excellence, impact, quality and efficiency of the implementation
- be ranked according to the evaluation results, and **selected in the order of the ranking list(s)**

Co-funded call – conditions & deliverables

After the end of the evaluation the consortium must submit to the Commission the following:

- (a) the ranking list(s) of the projects;
- (b) the observers' report on the evaluation;
- (c) the joint selection list of the projects to be funded, and
- (d) from each consortium partner participating in the joint call, a formal and duly signed commitment on availability of funds for the selected projects.

In addition:

- a) After the **end of evaluation** information on each project selected for funding (data on each participant and abstracts of the project proposal),
- b) At the **end of the action**: information on each funded project (data on each participant and overview of results).

Important: The conditions for call implementation for the co-funded call do not apply to additional calls without Union top-up funding.

Co-funded call – practical issues

- **Choice of the funding mode** to ensure selection according to ranking
 - good practice: mixed mode
 - real common pot: possible
- Use of **step 1 to balance requested and available funding**
- Possibility to use **more than one call topic**
 - dedicated budgets per topics, multiple ranking lists or
 - use expert panel to adjust scores and create single ranking list
- Only **proposals with identical scores at the threshold of available funding** may be selected according to the availability of funds in order to maximise the number of selected projects.
 - choice of half scores / vs. full scores
- **Independent expert as observer**: appointed by the consortium, to assess the conformity of the implementation of the joint call and, in particular, review the proper implementation of the independent international peer review and the establishment of the ranking list of trans-national projects.
- Possibility of **centralised management** of grant agreements
- **Make use of good practice documented by ERA-LEARN!**

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ERA-NET Cofund with institutional funding

- Beneficiaries in the Grant Agreement: Governmental research organisations (as "*programme managers*"), nominated by the respective ministry/public authority ("*programme owners*") to participate in the ERA-NET
- Call is an internal competition between consortia of the participating organisations
- Eligible costs: expenditure of the beneficiaries for the implementation of the transnational projects (H2020 conditions, direct costs plus 25% flat rate for indirect costs)
- Main differences compared to the classical cash-based ERA-NET:
 - Ensure selection according to ranking list: additional "guarantee" amount instead of mixed mode financing model
 - Step 1 of the Call pre-identifies specific topics for which proposals can be submitted → Proposals compete for the best topics
 - (normally) no grant agreement for the individual projects → has to be reflected in the consortium agreement

Examples: iMERA+/EMRP (ERA-NET Plus / Art.185 initiative on metrology research)
AERTOs (ERA-NET for governmental research organisations)

ERA-NET Cofund in WP 2014 (I)

WP 2014: 11 ERA-NET actions with a Union contribution of up to € 92,25 million:

- ~~ICT 26 – 2014: Photonics KET (€ 6 million)~~
- HCO7 – 2014: ERA-NET: Establishing synergies between the Joint Programming on Neurodegenerative Diseases Research and Horizon 2020 (€ 5 million)
- HCO8 – 2014: ERA-NET: Aligning national/regional translational cancer research programmes and activities (€ 5 million)
- HCO9 – 2014: ERA-NET: Systems medicine to address clinical needs (€ 5 million)
- HCO 10 – 2014: ERA NET: Rare Disease research implementing IRDiRC objectives (€ 5 million)

ERA-NET Cofund in WP 2014 (II)

- ISIB-12-2014/2015: Public-Public Partnerships in the bioeconomy A. (2014) Sustainable and resilient agriculture for food and non-food systems (€ 5 million)
- LCE 18 – 2014/2015: Supporting Joint Actions on demonstration and validation of innovative energy solutions (€ 34,25 million)
- WATER-3-2014/2015: Stepping up EU research and innovation cooperation in the water area (€ 10 million)
- SC5-9-2014: Consolidating the European Research Area on biodiversity and ecosystem services (€ 12 million)
- REFLECTIVE-1-2014: ERA-NET on Uses of the past (€ 5 million)

ERA-NET Cofund in WP 2015 (I)

WP 2015: up to 14 ERA-NET actions with a Union contribution of up to € 163,85 million:

- ICT 27 – 2015: Photonics KET (€ 6 million)
- NMP 14 - 2015: ERA-NET on Materials for Energy (€ 10 million)
- HCO11 – 2015: ERA-NET: Collaboration and alignment of national programmes and activities in the area of brain-related diseases and disorders of the nervous system (€ 5 million)
- HCO12 – 2015: ERA-NET: Antimicrobial Resistance (€ 5 million)
- HCO13 – 2015: ERA-NET: Cardiovascular disease (€ 5 million)

ERA-NET Cofund in WP 2015 (II)

- ISIB-12-2014/2015: Public-Public Partnerships in the bioeconomy (multiple topics, € 15 million)
 - B. Rural development
 - C. Monitoring and mitigation of agricultural and forestry greenhouse gases (GHG)
 - D. Sustainable crop production
 - E. Sustainable livestock production
 - F. Biomarkers for nutrition and health
- LCE 18 – 2014/2015: Supporting Joint Actions on demonstration and validation of innovative energy solutions (€ 57,85 million)

ERA-NET Cofund in WP 2015 (III)

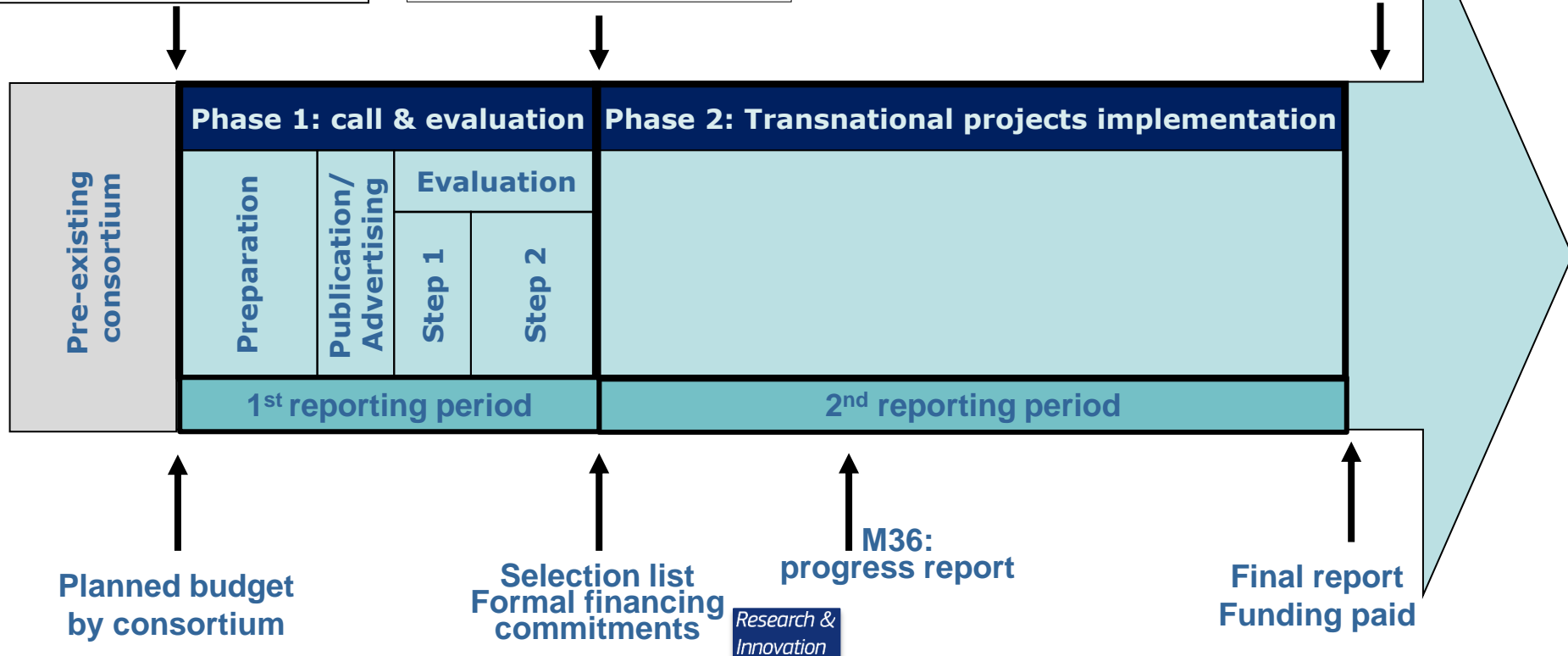
- WATER-3-2014/2015: Stepping up EU research and innovation cooperation in the water area (€ 15 million)
- SC5-2-2015: ERA for Climate Services(€ 25 million)
- SC5-15-2015: Strengthening the European Research Area in the domain of Earth Observation (€ 12 million)
- EURO 5 – 2015: ERA-NET on Smart Urban Futures (€ 5 million)

Default: 2 reporting periods

ERA-NET Cofund GA
Commitment: planned
call budget (initial
national commitments)
1st Pre-financing (10%)

2nd Pre-financing based
on actual requested
funding following call
evaluation results
80% of EC contribution

Payment of the balance
on the basis of financial
support paid to third
parties, according to
national funding rules



New approach well received and well understood by the applicants

- Most proposals fully comply with the ERA-NET Cofund requirements.
- Many very good descriptions of work received high scores
- Some proposals did not fully comply with call requirements and need to be corrected during grant preparation.
- All but one proposal foresee additional activities.
- Most of the proposals foresee up to 4 additional calls (exception: 2 of the proposals related to JPIS), some of them with substantial indicative financial commitments for the additional calls.
- Proposers introduce a wide range of additional activities, with no general difference between ERA-NETs with or without JPI background.
- Many proposals include strong international collaboration.

First indications from H2020 ERA-NETs

	FP7	Horizon 2020
Number of countries per call	10	18
Average call budget [Euro million]	8,8	27,9
Share of EU13		
- budget	5%	6%
- participation	13%	21%
Countries participating in calls		
100%	-	3 (BE, ES, NL)
> 80%	-	5 (+ PT, NO)
> 60%	3 (BE, FR, DE)	12 (+ AT, FR, DE, IT, PL, RO, UK)

Thank you for your attention!

Any questions?

Contact

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