

CA 18229 YEAST4BIO

**Non-conventional Yeast for the Production
of Bioproducts <https://yeast4bio.eu/>**

Elia Tomás-Pejó, Senior Assitant Researcher
elia.tomas@imdea.org
Biotechnological Processes Unit
IMDEA Energy



www.energia.imdea.org



be successfully implemented in a biotechnology industry. Besides, the Action will gather European top scientists in the field and thus become an important pillar worldwide. Participants will be given the opportunity to network and collaborate which otherwise will be limited. Furthermore, with the help of the Action, European scientists will set the future standards for research on non-conventional yeasts.



Elia Tomás Pejó
Action Chair

Fundación IMDEA Energía, Spain

✉ elia.tomas@imdea.org



José Luis Martínez
Action Vice-Chair

Technical University of Denmark,
Denmark

✉ jlmr@dtu.dk



**Fundación IMDEA
Energía**

Grant Holder Institution

Avda. Ramón de la Sagra 3

28035 Móstoles – Spain



Csaba Feher
Science Communication Manager

Budapest University of Technology and
Economics, Hungary

✉ feher.csaba@vbk.bme.hu



Lucia Forzi
Science Officer

✉ lucia.forzi@cost.eu

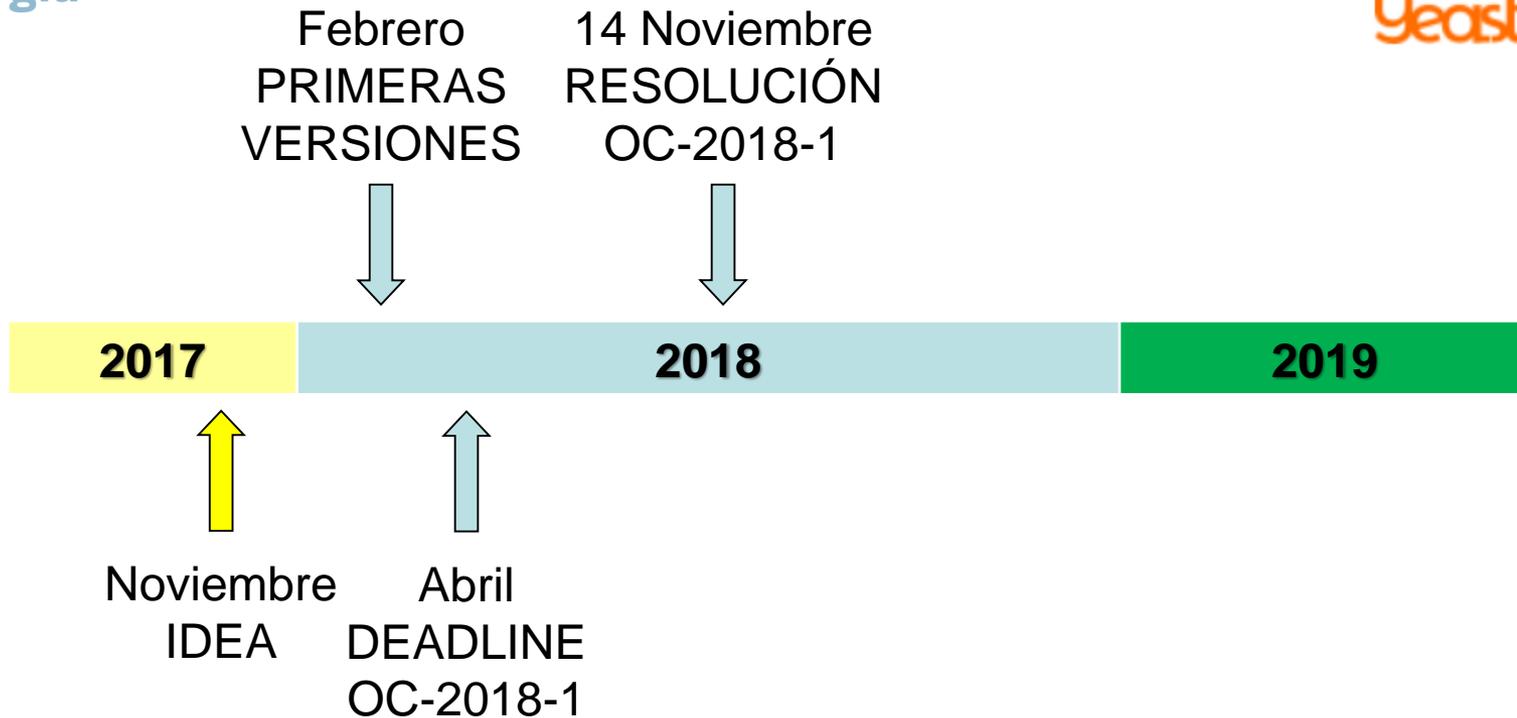


Nathalie Warenguien
Administrative officer

✉ nathalie.warenguien@cost.eu



CRONOLOGÍA



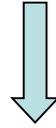
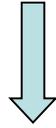
SUMMARY TABLE

S&T EXCELLENCE					IMPACT				IMPLEMENTATION				Marks
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Total
4	5	4	5	5	4	4	5	4	4	5	5	4	58 /65



Febrero
PRIMERAS
VERSIONES

14 Noviembre
RESOLUCIÓN
OC-2018-1



SUMMARY TABLE

S&T EXCELLENCE					IMPACT				IMPLEMENTATION				Marks
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Total
4	5	4	5	5	4	4	5	4	4	5	5	4	58 /65

SC

The Scientific Committee carried out the selection in accordance with Section 7 of the rules for COST Action Proposal Submission, Evaluation, Selection and Approval (COST 133/14 REV) and Section 4.3.3 of the COST Open Call –Submission, Evaluation, Selection and Approval (SESA) Guidelines. Taking into account the description in the proposal on COST Mission and Policies, the SC did not select this proposal as other proposals in the selection zone had higher compliance with the COST Excellence and Inclusiveness policy with regard to Inclusiveness Target Countries.



SELECCIÓN DE PROPUETAS POR EL COMITÉ CIENTÍFICO

selecting from the list of retained proposal the short list of proposals for approval by the CSO:

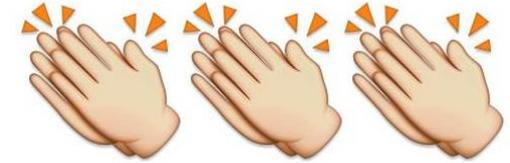
- The proposals in A (above the cut-off mark*) automatically enter the list of proposals recommended for funding.
- Among the proposals in B (equal to the cut-off mark*, one point less than the cut-off mark* or two points less than the cut-off mark*) the Scientific Committee completes the list of proposals recommended for funding with those that, besides being highly marked with respect to S&T Excellence/Networking Excellence / Impact / Implementation (i.e. the mark established by the Review panels), best respond to COST Mission and Policy, based on the description in the proposal on COST Mission and Policies, as described in section 3.4.4 COST Mission and Policies of the present Guidelines. In order to achieve that



CRONOLOGÍA

Febrero
PRIMERAS
VERSIONES

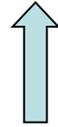
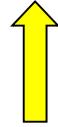
14 Noviembre
RESOLUCIÓN
OC-2018-1



2017

2018

2019



Noviembre
IDEA

Abril
DEADLINE
OC-2018-1

28 Noviembre
DEADLINE
OC-2018-2

Junio
APROBADA
OC-2018-2

S&T EXCELLENCE			NETWORKING EXCELLENCE			IMPACT			IMPLEM ENTATIO N	Marks
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Total
5	5	5	5	5	5	5	5	4	5	49 /50



- Relacionada con tu campo - original
- Amplia – Se trata de una red-acción
- No tienes por qué saber de todo - interdisciplinar
- Áreas que tengan un problema/interés común

YEAST4BIO-To create a European cluster for a successful development of non-conventional yeast-based bioproducts from a wide range of renewable bioresources



Ucrania
Brasil
Túnez

	OC-2018-1	OC-2018-2	Actualidad
Países	13 (1NNC)	19 (1NNC)	34 (2NNC 1 IPC)
ITC	4 (33.3%)	8 (50%)	17 (50%)
Proponentes	24	32	-
ECI	6	12	40
Nº Investigadores	-	-	135



DURANTE LA PREPARACIÓN

- Colegas – proactivos e interesados
- Top researchers?? Cuantos?? Balance entre excelencia y compromiso
- En principio los participantes en la propuesta acaban siendo miembros del **comité de gestión** (requiere dedicación)
- Esfuerzo grande para cumplir el requisito de ITC
 - Importante ECI y balance de género



DURANTE LA ACCIÓN

- El primer año, no es necesario pedir consentimiento para firmar el MoU (nuevos países). Pueden entrar participantes sin experiencia!!
 - En países como España e Italia se pregunta al Chair sobre los **miembros del comité de gestión (nominación)**
 - Países como Turquía donde reciben financiación para investigación necesitan carta de invitación



- **COST Open Call – Submission, Evaluation, Selection and Approval (SESA) Guidelines**
- General Features
- Technical Annex – consultar MoU de acciones financiadas
- References
- COST Mission, Policy and rules
- Network of Proposers

Research coordination objectives:

- To **create a research network** to promote the sharing of data, experience and the setup of common experiments in the context of **bioproducts production by non-conventional yeast**
- To **raise scientific consciousness** about the value of non-conventional yeasts and **boost the interest in a new generation of researchers**
- To link ongoing research efforts on non-conventional yeasts at the European level and **create synergies for further research**
- To **raise scientific consciousness** about the value of non-conventional yeasts and **boost the interest in a new generation of researchers**

TS / STSM / WG meetings / diseminación



Research capacity-building objectives:

- To promote interactions between industrial and public research with leading biotechnological **companies** during Training Schools (TS), meetings, STSMs and round-table discussions
- Promote the participation of new Near Neighbor Countries (NNCs)
- Promote gender balance and women leadership in this field of research
- Train a new generation of Early Career Investigators (ECIs), and encourage their involvement in the organization of activities and participation in **TS & STSM**
- Support researchers, in particular ECIs, visits to participating research institutions
- Promote through Conference Grants the participation of PhD students and ECI researchers from ITC to attend international conferences

ANÓNIMO:

- No contenga ninguna referencia a personas o instituciones participando como proponentes. Los nombres no aparecen ni explícitamente ni potencialmente indetectable.
(e.g. do not make statements such as “several members of the proposer network have been involved in previous FP7 projects, like ATTPS and ADAPTIWALL, and COST Actions, such as FP0901”);
- Si se incluyen NNC, o IPC se menciona cuando se describe el beneficio mutuo
- En las referencias se pueden citar referencias de los proponentes siempre que no sea evidente la relación.

DESCRIPTION OF WORKING GROUPS, TASKS AND ACTIVITIES

WG1 Production of sugars as platform molecules

WG2 Production of carboxylic acids as platform molecules

WG4 Bioproducts generation from the sugars platform by non-conventional yeasts

WG5 Bioproducts generation from the carboxylate platform by non-conventional yeasts

WG3 Non- conventional yeasts capabilities and molecular biology (systems/synthetic biology)

WG6 Dissemination



Importante resaltar como tu propuesta se alinea con las políticas COST

Promote gender balance: Gender Distribution of Proposers
53.1% Males & 46.9% Females. Gender distribution 22/10: 55.5% Males & 44.5% Females

Encourage the participation and involvement of ITCs: 4 leadership roles from ITC. 50% ITC proposal, 52% ITC on 22/10

Foster training and career development for ECIs: 37.5% ECIs proposers, 36.5% ECIs on 22/10. 5 leadership roles for ECIs



- Falta de implicación de miembros del comité de gestión
- Investigadores sin experiencia relacionada con la acción
- Normativa muy estrictas en cuanto al presupuesto: no se puede pasar presupuesto de un periodo al siguiente
- Hay que fijar “goals y tasks” científicos pero no hay financiación específica para investigación. Objetivos en línea con los intereses de los participantes.
- Mucha burocracia – Grant Holder Manager experimentado



- Nuevos consorcios para otros proyectos
- Visibilidad:
 - Invitación a artículos, ponencias, seminarios...



 Home The Project ▼ Working Groups ▼ STSM ITC Grants Training Schools Events News

NON-CONVENTIONAL YEASTS FOR THE PRODUCTION OF BIOPRODUCTS

**YEAST4BIO brings together experienced researchers and stakeholders to
unravel how non-conventional yeast can be implemented in the
Biotechnology industry**

[Know more](#)

-
-
-
-
-
-