



INFORME ANUAL DE PROYECTOS DE I+D+i

Como paso previo a la realización del informe, se ruega lean detenidamente las **instrucciones de elaboración de los informes de seguimiento científico-técnico de proyectos** disponible en la página web del ministerio.

A. Datos del proyecto

Relacione los datos del proyecto. En caso de que haya algún cambio, indíquelo cambiando de color el texto

Referencia	FFI2011-28835
Investigador principal	David Teira Serrano
Título	Sesgos en experimentos con humanos en las ciencias sociales y biomedicas
Entidad	Universidad Nacional de Educacion a Distancia
Centro	Facultad de Filosofía
Fecha de inicio	01/01/2012
Fecha final	31/12/2014
Duración	3 años
Total concedido	33.722,70 €

B. Informe de progreso y resultados del proyecto

B1. Desarrollo de los objetivos planteados

Describa los objetivos y el grado de cumplimiento de los mismos (en porcentaje respecto al objetivo planteado y, en su caso, con indicación de lo que queda por realizar en cada uno de ellos)

1) Clarify the concept of experimental bias, drawing on psychological theories and the methodologies implemented in medical and social experiments;	Concerning Teira's papers mentioned in our previous report: the BJPS declined the submission after the second revision and we are still expecting the final decision of <i>Episteme</i> . We are now planning the resubmission of the former. Teira has also a joint paper under revision in <i>Crítica</i> on the concept of impartiality. After a year of supervision, our graduate research fellow, Alex Diaz, is now drafting his first paper on the topic, due in April; he has also undertaken an empirical survey of replication in psychological experiments. This set of papers (together with the rest of Alex's dissertation) should accomplish this first goal, if we manage to get them published.
(2) Provide a contractarian justification of debiasing rules in experiments.	Together with the paper already published by Teira in <i>Philosophy of Science</i> , the second one on blinding is now drafted and almost ready for submission. It should accomplish this second goal
(3) Analyse the power of different debiasing methodologies depending on the context of the experiment; in particular	The paper by Teira mentioned last year has now been accepted and published in <i>Studies in History and Philosophy of Science (Part C)</i> . Teira has also been external examiner for two PhD theses on these topics at the U. of Milan and the U. Paris I. Dana has published a paper on this topic and has co-authored with Jz.-Buedo and Diaz a second one, now under review.
(4) We want to study the protection they offer against financial incentives in privately sponsored clinical trials	A joint paper on disease-mongering with my graduate student María González has just been submitted to the PSA. González, together with J.C. Hernández-Clemente, has



	presented papers on disease-mongering at 2 major international conferences: one is forthcoming as a book chapter with Springer and another one is under review. Although these papers should meet our initial goal, Teira is now drafting a third one on targeted therapies trial in collaboration with his colleagues at the European Institute of Oncology (Milan), where he taught last May a graduate course (30 hours) on the topic. Teira has also been invited speaker in a conference on the topic in Paris and gave six seminar talks: 3 in Spain, 2 in Italy, 1 in Chile
(5) We want to elucidate the extent to which experimenter effects are avoidable in social experiments.	María Jiménez Buedo has given 3 talks at international conferences on the topic and has just co-edited with Jason Dana a special issue of <i>Economics & Philosophy</i> on the topic. She has three papers under review on this topic listed below. F. Guala has published two papers that partially deal with this topic as well.

Cree tantas filas como necesite

B2. Actividades realizadas y resultados alcanzados

Describe las actividades científico-técnicas realizadas para alcanzar los objetivos planteados en el proyecto. Indique para cada actividad los miembros del equipo que han participado. **Extensión máxima 2 páginas**

Seminar series

We have had a seminar series at UNED on the topics covered by this project (Teira, Díez, Hernández Clemente, Jiménez-Buedo and González have been regular participants). I copy from the project's public log:

- 19/2 Kristen Intemann (Montana State University), "Science for Profit: Understanding and Addressing Commercial Bias in the Biomedical Sciences". Her claim: conflicts of interest policies have not worked because they assume the wrong concept of bias. A nice discussion followed
- 1/3 Jan-Willem Romeijn (University of Groningen), "Science and belief: A plea for epistemic statistics". Why statistical methods (be they Bayesian or frequentist) should hinge on our beliefs, not on rules of action. Jan-Willem was kind enough to arrange a tutorial with Alex Diaz, our PhD student, on how to bring together statistics and psychology in bias research.
- 17/4 Manuel Bagüés (UC3M), "The Role of Connections in Academic Promotions": a natural field experiment drawing on data from the Spanish Ministry of Education
- 6/5 Raffaella Campaner (Università di Bologna), "Psychiatric Explanation and Explanatory Pluralism", followed by a nice debate: can we endorse explanatory pluralism in psychiatry without biasing our diagnostic categories?
- 23/9 Jason Dana (UPenn), member of our project: "When are experimental findings better than a guess?" (or how to set a statistical benchmark for the significance of your results)
- 26/11 Bert Leuridan (Ghent University), "From Carnap to Cochrane: Amalgamating Evidence for Causal Claims and the Principle of Total Evidence": the principle of total evidence cannot be invoked without qualifications in order to justify a broader view of meta-analyses. Leuridan suggests four principles that should guide us in using it
- 17/12 Marco Nathan (University of Denver), "A Non-Causal Account of Causal Explanation". Following with the causal debate of our previous session, a prominent philosopher of biology defends that causes are best understood as explanatory theoretical posits that seldom have metaphysical import.



Reading group

Teira, Hernández-Clemente, Lázaro & María González had a monthly reading group. We explored how the topics of the project overlap with the problem of the definition of disease

Talks

- Full list below in C.2

Outreach activities

- Teira, González & Hernández Clemente have established a working relationship with the Escuela Nacional de Sanidad, with two events: 8/5, Chema Antequera (ISCIII) + David Teira, "La medicina basada en la evidencia"; 17/9 Workshop on Public Health Ethics at the Escuela Nacional de Sanidad, with talks by M. A. Royo (ENS), P. Schröder (Maastricht University) and D. Teira
- At the request of its scientific direction, Teira has started a series of interviews at the European Institute of Oncology regarding the conflicts of interests that may emerge in their research activities. The expected outcome is an internal report.

En caso de incluir figuras, cítelas en el texto e insértelas en la última página

B3. Problemas y cambios en el plan de trabajo

Describe las dificultades y/o problemas que hayan podido surgir durante el desarrollo del proyecto, así como cualquier cambio que se haya producido respecto a los objetivos o el plan de trabajo inicialmente planteados. **Extensión máxima 1 página**

There has been no major deviation in our research agenda (other than the one mentioned in our previous report: we abandoned the idea of organizing annual workshops, given how difficult it is to raise funds for conferences now in Spain).

Two medical practitioners with an academic affiliation have joined the project as part-time members: Juan Carlos Hernández-Clemente & José Lázaro, both from the medical school of the UAM. They were already informally taking part in our reading groups and seminars, and Hernández-Clemente is joining María González in several co-authored papers related to her thesis.

As announced in our report last year, Dana visited Madrid for a week in September 2013 to work in a joint draft with A. Diaz & María Jiménez Buedo. Francesco Guala will do the same this March. Teira was in close contact with him during his 8 weeks in Milan

Alex Diaz, our research fellow, has worked on a draft of his project on the basis of regular supervision sessions with Teira. Toni Gomila (UIB) has joined us as co-advisor in October 2013 in order to give a firmer grasp of the philosophy of psychology.

As to the intellectual agenda, since we didn't have a workshop to organize, we have advanced faster than we expected on goals 3-4-5, which we only expected to address in 2013 and 2014.

We are on schedule regarding our research goals.



B4. Colaboraciones con otros grupos de investigación directamente relacionadas con el proyecto

Relacione las colaboraciones con otros grupos de investigación y el valor añadido para el proyecto. Describa, si procede, el acceso a equipamientos o infraestructuras de otros grupos o instituciones.

Teira had a visiting appointment for eight weeks (June and November) at the European Institute of Oncology in Milan, teaching a graduate course on clinical trials and conducting a series of interviews on the conflicts of interest that emerge at the Drug Development Unit. Out of this visit emerged the opportunity of a joint grant application within the EU2020 framework between Milan, Durham and our home university (UNED). On January 2014, there was a meeting with G. Boniolo (Milan) & J. Reiss (Durham) in Madrid to prepare a draft. Our team contribution would hinge on the analysis of clinical trials in the development of personalized medicine.

The ESF COST project application which we joined last year (already mentioned in our previous report) did not make it to the final round. We are working with Bert Leuridan, the project leader, in the draft for a second try.

The Escuela Nacional de Sanidad (Instituto de Salud Carlos III) is now affiliated to UNED as a research institute. We are now working on a more formal working collaboration with their members that consolidates our previous activities –jointly applying for the EU2020 research grant mentioned above.

Teira attended the closing conference of the Implicit Bias project (U. Sheffield, April 2013) to explore potential collaboration with feminist philosophers working on the ethical dimension of bias measurement and correction.

Jiménez-Buedo worked as a visiting scholar at the Science and Technology Studies Department in Cornell University during the period October-December 2013. She carried out her own research there on the history of quasi-experiments and held several meetings with Prof. Hilgartner on the social determinants of expertise and the relation between expert advice and bias.

B5. Colaboraciones con empresas o sectores socioeconómicos

Relacione las colaboraciones con empresas o sectores socioeconómicos y el valor añadido para el proyecto, la transferencia de conocimientos o resultados del mismo.

B6. Actividades de formación y movilidad de personal

Indique las actividades de formación y movilidad de personal relacionadas con el desarrollo del proyecto. Además, si procede, las actividades realizadas en colaboración con otros grupos o con actividades de formación en medianas o grandes instalaciones.

	Nombre	Tipo (becario, técnico, contratado con cargo al proyecto, posdoctoral, otros)	Descripción de las actividades de formación
1	Alex Díaz	Becario	<ul style="list-style-type: none">• Seminar series and reading group mentioned above• Supervision sessions every 2-3 weeks• Co-writing of a commissioned survey paper (with M. Jiménez-Buedo and Teira) and a regular draft (with Jiménez-Buedo & J. Dana)• External supervision sessions with J. Dana and J. Willem



			<p>Romeijn.</p> <ul style="list-style-type: none"> Meetings attended: "What is Cognition?" Workshop (June 26-28, Bochum); "Graduate Conference on Theoretical Philosophy" (Groningen, April 18-20); Taller d'Investigació Filosòfica at Valencia (Valencia, January 10-11); SEFA Conference at Madrid (Madrid, September 11-14) "Enacting the bridge between sciences and humanities" (Almeria, Nov. 21-24).
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<p>B7. Actividades de internacionalización y otras colaboraciones relacionadas con el proyecto Indique si ha colaborado con otros grupos o si ha concurrido, y con qué resultado, a alguna de las convocatorias de ayudas (proyectos, formación, infraestructuras, otros) del Programa Marco de I+D de la UE y/o a otros programas internacionales, en temáticas relacionadas con la de este proyecto. Indique el programa, socios, países y temática y, en su caso, financiación recibida.</p>
<p>See B4 above</p>

C. Difusión de los resultados del proyecto

Relacione únicamente los resultados derivados de este proyecto

<p>C1. Publicaciones científico-técnicas (con peer-review) derivadas del proyecto y patentes Autores, título, referencia de la publicación...</p>
<p>David Teira, "On the impartiality of British trials", <i>Studies in History and Philosophy of Biological and Biomedical Sciences</i> 44.3 (2013), 412-418</p>
<p>David Teira, "A contractarian solution to the experimenter's regress", <i>Philosophy of science</i> 80 (2013), 709-720.</p>
<p>David Teira, "Blinding and the Non-Interference Assumption in medical and social trials", <i>Philosophy of the Social Sciences</i> 43.3 (2013), 358-372</p>
<p>David Teira & Julian Reiss, "Causality, Impartiality and Evidence-Based Policy", in H-K Chao, S-T, Chen & R. Millstein, <i>Mechanism and causality in biology and economics</i>, N. York, Springer, 2013 207-224</p>
<p>David Teira, Review of Catherine Will & Tiago Moreira, eds, <i>Medical Proofs, Social Experiments. Clinical Trials in Shifting Contexts</i> (Ashgate, 2010). <i>Theoretical Medicine and Bioethics</i> 33.5 (2012), 383-386</p>
<p>David Teira, Review of Phil Dawid et al., eds., <i>Evidence, Inference and Inquiry</i> (OUP, 2012), <i>British Journal of Philosophy of Science</i> 64.3 (2013), 665-668</p>
<p>David Teira, Review of Peter Stone, <i>The Luck of the Draw: the Role of Lotteries in Decision Making</i> (OUP, 2011), <i>Economics & Philosophy</i> 29.1 (2013), 139-142</p>
<p>David Teira, Review of R. Campaner, <i>Philosophy of medicine. Causality, Evidence and Explanation, International Studies in the Philosophy of Science</i>, forthcoming</p>



Jiménez-Buedo, M. The Expert Economist in Times of Uncertainty. Martini, C. and Boumans, M., eds., *Experts and Consensus in Economics and the Social Sciences*. Springer. Under Review.

Ramiro-Fernandez, L. , Morales, L. and Jiménez-Buedo, M. Assessing the Electoral Payoffs of Partisan Mobilization in Adverse Contexts: a Field Experiment. *Party Politics*. Under Review.

Jiménez-Buedo, M. The Last Dictator Game? The Problem of Reactivity in Experimental Economics. *Philosophy of the Social Sciences*. Under Review.

Dana, J., Diaz, A., Jiménez-Buedo, M. Lack of Replications or Lack of Replicability? Problems regarding replication attempts in psychology. *Perspectives on Psychological Science*. Under Review.

Davis-Stober, C., & Dana, J. (2013). Comparing the accuracy of experimental estimates to guessing: a new perspective on replication and the "Crisis of Confidence" in psychology. *Behavior Research Methods*, 1-14

Jason Dana, María Jiménez-Buedo et al, eds, *Experiments in economics and in philosophy*, Special issue of *Economics and Philosophy* 29.2 (2013)

F. Guala, "The Normativity of Lewis Conventions", *Synthese* 190 (2013): 3107-3122.

F. Guala, "Group Membership, Team Preferences, and Expectations", *Journal of Economic Behavior and Organization* 86 (2013), pp. 183-190 (with Luigi Mittone and Matteo Ploner).

A. Diaz, M. Jiménez-Buedo & D. Teira, "Quasi- and Field experiments", commissioned for the *International Encyclopedia of Social and Behavioral Sciences*, 2nd Edition, edited by James Wright

Cristian Saborido, María González Moreno y Juan Carlos Hernández, "Biological Normativity Beyond Clinical Normalcy", in E. Giroux et al., eds., *Naturalism in philosophy of health*, Springer, forthcoming

C2. Asistencia a congresos, conferencias o workshops relacionados con el proyecto

Nombre del congreso, tipo de comunicación (invitada, oral, póster), autores

Chronological:

- 5/1 Invited talk: María Jiménez Buedo, "Attributing Expertise in Uncertain Times." American Economic Association Annual Meeting 2013. INEM-ASSA Panel. Expertise and Consensus in Economics. San Diego, CA
- 23/1 Seminar talk: David Teira, "Experimentos de campo en economía: ¿Podemos probar políticas como si fueran medicamentos?" (Invited Talk) Instituto de Humanidades, Universidad Diego Portales (Santiago de Chile)
- 20/3 Joint seminar talk with David Teira and Kristen Intemann at the Universidad de Oviedo: Two conceptions of impartiality in debate.
- 15/6, Maria Jimenez Buedo, "The last dictator", contributed paper, INEM conference (Rotterdam)
- 15/6 David Teira, "Managing ignorance for regulatory purposes in pharmaceutical markets", Invited talk at the Workshop "Agnatology: genesis of ignorance" (Paris).
- 27/6 David Teira, "Experimentos de campo en economía: ¿podemos probar políticas como si fueran medicamentos?", Seminar talk at the Universitat de les Illes Balears.
- 27/6 Alex Díaz, 'What is unbiased cognition expected to be?' (Ruhr Universiteit, Bochum, contributed paper to the workshop "What is cognition?")



- 1/7: María Jiménez-Buedo, "Internal and External Validity: Implicit Assumptions about Causal Inference from Experiments", Causality in the Sciences Conference (CaEitS), Paris
- 7/7 Cristian Saborido, María González Moreno y Juan Carlos Hernández Clemente: "Biological normativity, clinical normalcy and the theoretical definitions of health and disease" (Contributed paper) International Society for de History, Philosophy and the Social Study of Biology 2013 Meeting (Montpellier)
- 10/7. Jiménez-Buedo, M. Experimenter Effects in the Social Sciences. (Contributed Paper). GT 30 Sociología Analítica. Congreso de la Federación Española de Sociología. Madrid
- 28/8 María Jiménez-Buedo ""Internal and External Validity: Implicit Assumptions about Causal Inference from Experiments" (Contributed paper) + David Teira, "Controlling the participants' preferences in selective field trials" (Symposium), both at the EPSA conference, Helsinki
- 23/10 Invited talk at San Raffaele University (Milan): D. Teira, "Debiasing Procedures in Scientific Experiments"
- 30/10 Invited talk at the University of Bologna: D. Teira, "Managing ignorance for regulatory purposes in pharmaceutical markets".
- 20-21/11 Cristian Saborido, María González Moreno y Juan Carlos Hernández Clemente, "Natural Normativity and the Theoretical Definition of Health And disease" (Contributed paper). International Philosophy of Medicine Roundtable, Columbia University Medical Center (N. York)

C3. Tesis doctorales finalizadas relacionadas con el proyecto

Nombre del doctor, director de tesis, título, calificación, organismo...

Ph.D. dissertations (in progress)

- María González, Disease mongering and the biofunctional definition of disease (Advisor: D. Teira)
- Francisco Molina, Interactive kinds and the definition of homosexuality as disease in Spanish Francoist psychiatry (Advisors: Francisco Vázquez [U. Cadiz] and D. Teira)

Master Theses

- Enrique Maqueda, Conflictos de intereses en la consulta médica (Advisor: D. Teira) | Defended: March 2014.

C4. Otras publicaciones derivadas de colaboraciones mantenidas durante la ejecución del proyecto y que pudieran ser relevantes para el mismo, así como artículos de divulgación libros, conferencias

Autores, título, referencia de la publicación...

J. M. Suay & D. Teira, "Kites: the rise and fall of a scientific object", *Nuncius. Journal of the Material and Visual History of Science*, forthcoming

Jiménez-Buedo, M. Review of *Philosophy of Economics: a contemporary Introduction*. Routledge, 2013, 352 pp. *Journal of Economic Methodology*. In press.



Jiménez-Buedo, M. (2013). Review of Steel & Guala, eds. 2011. *The Philosophy of Social Science Reader. THEORIA. An International Journal for Theory, History and Foundations of Science*, 28(2), 337-339.

Borrell-Carrió F, Hernández-Clemente JC. "Reflexión en la práctica clínica". *Rev Clin Esp*. 2013. [http:// dx.doi.org/10.1016/j.rce.2013.10.014](http://dx.doi.org/10.1016/j.rce.2013.10.014)

J. Lázaro, "Dilemas contemporáneos de la nosología psiquiátrica: El caso de las neurosis", *Rev Neuropsiquiatr* 76 (2), 2013, 85-94.

David Teira taught a course ("Filosofía de las ciencias sociales: métodos interdisciplinarios") covering many of the project topics at the graduate school of the Universidad Austral de Chile (Valdivia).

D. Personal activo en el proyecto

Relacione la situación de todo el personal de las entidades participantes que haya prestado servicio en el proyecto en la anualidad que se justifica, o **que no haya sido declarado anteriormente**, y cuyos costes (salariales, dietas, desplazamientos, etc.) se imputen al mismo.

	Nombre	NIF/NIE	Catg. ^a profesional	Incluido en solicitud original (S/N)	Si no incluido en solicitud original:		
					Función en el proyecto	Fecha de alta	Observaciones
1	David Teira Serrano	11424673k	Profesor titular	S	David Teira Serrano	11424673k	
2	María Jiménez Buedo	50857209t	Profesora ayudante doctora	S	María Jiménez Buedo	50857209t	
3	Francesco Guala	E359707	Associate professor	S	Francesco Guala	E359707	
4	Jason Dana	443540309	Associate professor	S	Jason Dana	443540309	
5	María González Moreno	00412821V	Profesora colaboradora doctora	N	Analysis of disease-mongering	29/2/2012	
6	Juan Carlos Hernández-Clemente	11773286T	Profesor asociado	N	Disease and disease-mongering	4/4/2013	
7	José Lázaro	32.416.511 N	Profesor contratado doctor	N	Disease and disease-mongering	4/4/2013	
8	Alejandro Díaz	50.122.967 - X	Becario predoctoral	N	Bias in psychological research		

Cree tantas filas como necesite



E. Gastos realizados durante la anualidad

E1. Gastos de personal (indique número de personas, situación laboral y función desempeñada)				
	Nombre	Situación laboral	Función desempeñada	Importe
1				
2				
Total gastos de personal				

Cree tantas filas como necesite

E2. Material inventariable (describa el material adquirido)				
	Identificación del equipo	Descripción del equipo	Importe	Previsto en la sol. original (S/N)
1	1.005156	Ordenador portátil Acer Aspire M3-MA50	470,25	S
2				
Total gastos material inventariable				

Cree tantas filas como necesite

E3. Material fungible (describa el tipo de material por concepto o partida, p. ej., reactivos, material de laboratorio, consumibles informáticos, etc.)			
	Concepto	Importe	Previsto en la sol. original (S/N)
1			
2			
Total gastos material fungible			

Cree tantas filas como necesite

E4. Viajes y dietas (describa la actividad del gasto realizado y <u>las personas que han realizado la actividad</u>). Debe incluir aquí los gastos derivados de la asistencia a congresos, conferencias, colaboraciones, reuniones de preparación de propuestas relacionados con este proyecto, etc.)				
	Concepto	Importe	Nombre del participante	Previsto en la sol. original (S/N)
1	Seminario Santiago de Chile en enero de 2013	165,20	David Teira	S
2	Congreso Implicit Bias (Sheffield), Reino Unido, abril de 2013	485,50	David Teira	S
3	Conferencia U. Oviedo en marzo de 2013	86,3	David Teira	S
4	Comunicación CaEitS, en París (Francia) junio del 2013	755,99	M. Jiménez-Buedo	S
5	Gastos inscripción: Meeting of the International Society for History, Philo. and Social Sciences. Agosto 2013	200	M. Glez. Moreno	S
6	Comunicación EPSA en agosto de 2013 en Helsinki	392,40	David Teira	S
7	Estancia en Madrid en septiembre a seminario.	168,30+303,88	Jason Dana	S
8	Comunicación PhilMed Roundtable, New York (EEUU) en noviembre de 2013	576,37	M. Glez. Moreno	S
9	Comunicación PhilMed Roundtable, New York (EEUU) en noviembre de 2013	1000	J.C Hdez Clemente	S



Total viajes y dietas	4128,54		

Cree tantas filas como necesite

E5. Otros gastos (describa por concepto; debe incluir aquí, entre otros, los gastos derivados de personal no incluido en el equipo de trabajo indicando la actividad a la que corresponde dicho gasto, así como el gasto derivado de la inscripción a congresos o conferencias)

	Concepto	Importe	Nombre del participante	Previsto en la sol. original (S/N)
1	Viaje Ponente en Seminario "Science understanding and Addressing C. Bias in the Biomedical", en febrero de 2013	34,26	Kristen Intemann	S
2	Comida de Trabajo con K. Intemann, 19/02/2013	41	Kristen Intemann	
3	Comida de Trabajo con J. W. Romeijn, 18/02/2013	42,00	J. W. Romeijn	S
4	Comida de Trabajo con J. W. Romeijn, 28/02/2013	9,70	J. W. Romeijn	S
5	Comida de Trabajo con J. W. Romeijn, 01/03/2013	71,35	J. W. Romeijn	S
6	Gasto alojamiento en Hotel en Madrid, 5-7/05/2013 de conferenciante invitado	131,94	R. Campaner	S
7	Comida de Trabajo con J. W. Romeijn, 28/02/2013	43,00	J. W. Romeijn	S
8	Gasto alojamiento en Hotel en Madrid 18-20/02/2013 de conferenciante invitado	131,94	Kristen Intemann	S
9	Viaje de conferenciante invitado a seminario a Madrid en mayo de 2013	255,62	R. Campaner	S
10	Gasto alojamiento en Hotel en Madrid 18 al 19 /12/2013 de conferenciante invitado	65,97	M. Nathan	S
	Total otros gastos	826,78		

Cree tantas filas como necesite

E6. Total ejecutado (costes directos únicamente)

Importe total ejecutado durante la anualidad	5430,97
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E7. Descripción de gastos no contemplados en la solicitud original (si ha realizado algún gasto no contemplado en la solicitud original, justifique la necesidad de su adquisición en este apartado)

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F. Gastos realizados desde el inicio del proyecto

Importe total ejecutado (costes directos únicamente)	12863, 61
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