



D 3.8 Report: First scientific and financial report of WP3



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Note:	

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1. INTRODUCTION

The deliverable 3.8 was planned to be released within the framework of the ITINERIS project and it is part of the actions of the Work Package (WP)3 concerning the scientific and financial reporting activities for the first year.

This deliverable was expected to be released in Bimester 7 and to be included into the Intermediate Objective 3.4 of bimester 7; it is produced under the responsibility of the Operative Unit (OU) of the National Research Council, Research Institute on Terrestrial Ecosystems (CNR-IRET).

The deliverable 3.8 belongs to the activities of the Work Package (WP) 3 of the ITINERIS project and consists in the detailed description of “First scientific and financial report of WP3” regarding the first year of project activity.

The document is structured into 4 chapters, including this one. Chapter 2 describes the actions undertaken for the recruitment of RTD dedicated to training activities, all the procedures for the finalization of the ITINERIS fellowship for the XXXVIII and XXXIX PhD cycles in collaboration with the universities involved in WP3, an overview on the training programmes developed in Activities 3.6, 3.7 and 3.8, and the completion of administrative procedures for the purchase of goods and services foreseen by WP3. Chapter 3 presents all the financial information related to RTD recruitment, XVIII PhD fellowships, and the purchase of goods and services planned for WP3. At the end, Chapter 4 presents the list of acronyms used in this report.

2. TRAINING SCIENTIFIC ACTIVITY

During the first year of the project, all the activities were carried out under the coordination of OU CNR-IRETLE responsible for the WP3.

1. Part of the initial effort of the OUs was dedicated to the process for the development of the Term of Reference for the n.9 TD positions, as level III technologist profile, attended in WP3;
2. The OUs involved for the training activities of WP3, under the coordination of CNR-IRET, have supported all the process of formalization of the Agreements with the universities useful for the launch of the ITINERIS co-financed fellowships for the XXXVIII and XXXIX PhD cycles. The universities involved in ITINERIS training activities are Universities of Naples Federico II, Naples Parthenope, Pisa, Salento, and Tuscia;
3. The units of personnel hired as level III Technologist profile in WP3 under all the OUs involved, strictly collaborating with the WP leaders of the scientific Domains ITINERIS, have worked during the first year of the project on the detailed training programme with the courses to be delivered to the scientific and technical staff of the RIs partner in ITINERIS (as planned in Activity 3.6), and to RIs employees dedicated to science communication (as planned in Activity 3.8); Moreover, they planned and finalized the training programme dedicated to early carer scientists of XXXVIII and XXXIX PhD cycles in the scientific area of the environmental domains (Access and eScience, Atmospheric, Marine, Terrestrial, Solid Earth Domains and VREs and Cross-disciplinary activities) as expected in Activity 3.7, with the full support of the PhD's coordinators of the five universities involved in ITINERIS training activities of WP3;
4. The actions of OUs were dedicated also to the purchase of the goods and services planned in terms of ITINERIS Training platform and the relative training catalogue, the Service for the organization and delivery of the training courses planned in Activities 3.6, 3.7 and 3.8, and the ITINERIS Semantic training platform with the relative semantic contents.

The main activities developed until Bimester 7 are described in the following paragraphs.

2.1 Recruitment of RTD personnel hired in WP3

The publication of the calls for RTD recruitment was slightly delayed, however, the overall procedures for the hiring of the n. 9 RDT planned in the WP3 have been completed and only one of the selected RTD has still to be hired until Bimester 7. The RTD hiring was planned as reported in Table 1 and the complete information, including names and hiring dates, are reported in the dedicated section of Chapter 3.

Table 1 – RTD position allocation in WP3

<i>Activity</i>	<i>OU</i>	<i>RTD positions</i>
Activity 3.1	CNR-IRETLE	n. 3
Activity 3.2	CNR-IMAA	n. 2
Activity 3.3	CNR-IRET RM	n. 2
Activity 3.4	CNR-ISMARVE	n. 1
Activity 3.5	CNR-IGG	n. 1

Part of the RTD hiring processes were finalized in Bimesters 4 and 5 with only n.1 RTD position published by CNR-IMAA temporary desert due to a lack of qualified candidates. Moreover, N. 2 units of personnel have been resigned during the Bimester 5: Dr. Beli and Dr. Mauceri, previously

hired with CNR-IRETLE and CNR-IMAA RTD positions respectively, have resigned their Lev III technologist positions during the month of August 2023 with the closure of their contracts fixed to 31.08.2023. The RTD recruitment process advanced during the Bimester 7 with the recruitment of the RTD unit in CNR-IMAA. As regard the replacement of Elena Beli in CNR-IRETLE has been postponed once again, leveraging the support provided by a permanent staff unit. The delays of the overall WP3 planned staff have been compensated by temporary support of permanent position staff of the different Operative Units.

2.2 Coordination for ITINERIS fellowship of XVIII and XXXIX PhD cycles

XXXVIII PhD CYCLE - ITINERIS

The development of the first draft of the protocols of agreement between the CNR-IRET and the Universities of Naples Federico II, Naples Parthenope, Pisa, Salento and Tuscia for the fellowships by ITINERIS for the XXXVIII PhD Cycle, was realized during the first period of the project; the agreement included the co-financing of the fellowship for each hosting university. The effort invested by the OUs and the PhD coordinator of the five universities involved in WP3 was compensated by the signature of the protocols of agreements during the first two-month period, even though it was realized only for four of the five universities, i.e. Universities of Naples Federico II, Pisa, Salento and Tuscia, since the University Naples Parthenope couldn't manage to include the ITINERIS fellowships in its calls launched for the PhD positions.

XXXIX PhD CYCLE - ITINERIS

As regards the fellowships co-financed by ITINERIS for the XXXIX PhD Cycle, the signature of the protocols of agreement between the CNR-IRET was done only for three of the five universities i.e. University of Naples Parthenope, University of Salento, and University of Tuscia, since for the University of Naples Federico II and University of Pisa was not possible to include the ITINERIS PhD positions as planned since the financial support could cover only half of the budget required respect to the full fellowship costs. The complete information, including names and hiring dates of the selected students for the XXXVIII PhD cycles and the list name of the selected students for the XXXIX PhD cycles, are reported in the dedicated section of Chapter 3.

2.3 Training programme

The temporary personnel with a level III Technologist profile hired under Activities 3.1-3.5 have been developed, under the supervision of OU CNR-IRET and the relative WP coordinators on the detailed training programme to be delivered to the scientific and technical staff of the RIs partner in ITINERIS, as planned in the project in Activity 3.6, and to the RIs employees dedicated to science communication, as planned in the project in Activity 3.8.

Moreover, they planned and finalized, the WP3 PhD programmes coordinators of Universities of Naples Federico II, Naples Parthenope, Pisa, Salento and Tuscia for ITINERIS, the training programme dedicated to early carer scientists of XXXVIII and XXXIX PhD cycles in the scientific area of the environmental domains (Access and eScience, Atmospheric, Marine, Terrestrial, Solid Earth Domains and VREs and Cross-disciplinary activities) as expected in Activity 3.7, with the full support of the PhD's coordinators of the five universities involved in ITINERIS training activities of WP3;

The detailed training programme contains for each courses a detailed list of information such as course descriptions with learning objectives, course location, lesson duration, training modules, assigned teachers, and the Syllabus.

The planned training courses have not yet been released due to the delays in the recruitment process of the fixed-term personnel responsible of the training activities in WP3 and the personnel that shall

be subject to the training; besides the duration of the selections, in many cases the lack of candidates suitable for the specifications required by the calls led to the need to re-publish the procedures. However, these delays will not affect the quantity and quality of the training courses that will be delivered to the trainees in ITINERIS and to the organization of the courses and the selection of highly qualified trainers. The training programme will be compressed in the second half of ITINERIS workplan as reported in the relative Deliverables focus on the specific training activities.

2.4 Purchase of goods and services

As regards the purchase of the training platform and the related training catalogue ITINERIS, it was firstly conducted by the OU a mapping of the availability of training materials, as digital training objects, and of European hosting FAIR training platforms as deeply mentioned in “Deliverable 3.1 Asset: ITINERIS Training Centre Platform”. The tender with the technical requirements of the ITINERIS training platform and the relative training catalogue, and the administrative documents were carefully prepared by OU CNR-IRETLE, with all the necessary requirements to achieve the publication of the tenders. The procedures required to launch the tender for the Training Platform has taken a bit longer period respect to programmed plan, but it has been completed during the Bimester 6 and the publication of the DAC will be realized in the next period with a budget of 98.000,00 € (VAT included).

The tender with the technical requirements for the purchase of the services for the organization of the training course, defined by WP3 OUs and planned in Activities 3.6, 3.7 and 3.8, were carefully prepared by OU CNR-IRETLE, with unique multi-batch tender.

Due to the difficulties in the realising the ITINERIS training courses and the administrative procedures as mentioned in the previous paragraph, the development and launch of the ITINERIS Semantic training platform and semantic training contents, respect to the initial terms of reference was postponed.

More details about the tenders are described in the specific financial areas described in Chapter 3.

3. FINANCIAL REPORT OF ACTIVITIES OF WP3

The cost for all the activities is organized in the following paragraph regarding the recruitment of the RTD personnel involved in WP3 (Paragraph 3.1), the ITINERIS fellowships for the XXXVIII PhD cycles (paragraph 3.2), and the financial commitments for goods and services planned in WP3 (paragraph 3.3). This Chapter includes also the list of winners of the co-financed ITINERIS fellowship for the XXXIX PhD cycle at the University of Naples Parthenope, Salento and Tuscia even if the payment is going to start at the second year.

It is highlighted that the personnel costs calculated refer to contracts with an effective start date within Bimester 7.

3.1 Financial report for the recruitment of the RTD personnel hired in WP3

The RTD personnel costs are organized according to referring Research institutes of the CNR as reported in Table 2 (a-b). The personnel costs calculated refer to contracts with the effective start date within Bimester 7.

IRET-LE/IRET-MLB

N. 4 Level III Technologists: Elena Beli- hire date 02.05.2023, resignation date 02.09.2023,

Paola Coli, Mario Ciotti, Erica Volpato and Paolo Sconocchia - hire date 02.05.2023.

CNR – IGG

N.1 Level III Technologist: Daniela Andreani - hire date 03.07.2023.

CNR - IMAA

N. 1 Level III Technologists: Quinzia Palazzo - hire date 01.12.2023,

N. 1 Level III Researcher: Alessandro Mauceri was employed from 02.05.2023 to 31.08.2023

N. 1 Level III Researcher: Francesco Cardellicchio- hire date 15.12.2023.

CNR-ISMAR

N. 1 Level III Technologist: Giulia Bologna hired on 03.07.2023.

Table 2a: CNR personnel direct and indirect costs for each bimester and OU

Bimester	Personnel CNR IRET-LE/IRET-RM		Personnel CNR-IGG		Personnel CNR-IMAA		Personnel CNR-ISMAR	
	Direct costs €	Indirect costs €	Direct costs €	Indirect costs €	Direct costs €	Indirect costs €	Direct costs €	Indirect costs €
B4	46.662,00	3.266,00	-	-	10.791,00	755,37	-	-
B5	42.108,00	3.947,56	9.801,00	686,07	7.326,00	512,82	8.415,00	589,05
B6	39.171,00	2.741,97	11.616,00	813,12	-	-	10.560,00	739,2
B7	32.769,00	2.293,83	9.933,00	695,31	4.422,00	309,54	5.676,00	397,32
Tot €	160.710,00 + 12.249,36		31.350,00 + 2.194,50		22.539,00 + 1.577,73		24.651,00 + 1.725,57	

Table 2b: CNR personnel total costs

CNR	Tot € B4	Tot € B5	Tot € B6	Tot € B7	Tot € 1 st year (direct costs)	Tot € 1 st year (indirect costs)
IRET IGG IMAA ISMAR	57.453,00	67.650,00	61.347,00	52.8000,00	239.250,00	16.747,50

3.2 Financial report for the WP3-ITINERIS fellowships of the XXXVIII PhD cycles

This section provides a financial overview of the WP3-ITINERIS fellowships for the XXXVIII PhD cycle. The expenses are reported for each of the four universities involved in the training activities of WP3 able to finalize the fellowship for the XXXVIII PhD cycles, providing an overall picture of allocation of the funds during the first year. The PhD protocols of agreements were signed and the PhD position opened only for Universities of Naples Federico II, Pisa, Salento, and Tuscia.

The personnel costs, in term of reported in Table 3. The costs were calculated considering their hire date until the end of bimester 7. Moreover, this paragraph presents the list of winners of the co-financed ITINERIS fellowship for the XXXIX PhD cycle.

Table 3: PhD personnel costs

XXXVIII PhD Cycle	Personnel first year costs	
	Direct costs	Indirect costs€
UNIPISA	74.731,14	5.231,18
UNISALENTO	64.981,74	4.548,72
UNITUSCIA	64.984,98	4.548,95
UNINA	134.611,56	9.422,81
<i>Tot €</i>	264.578,28	18.520,48

In the year 2023, only for UNINA, both the first and second yearly payments were paid according to the signed, o approved, agreement.

UNIPISA

Three PhD fellowships for the Geosphere Landsurface domain started on 01.03.2023; the students selected are: Marco Chimenti, Matteo Salvadori and Amedeo Martella.

UNISALENTO

Two PhD fellowships for the e-Science domain have been assigned and started on 01.03.2023, the students selected are: Marco Elia and Ludovico Lezzi.

One PhD fellowship for the e-Science domain started on 01/04/2023. The student is: Zeinab Arianpouya.

UNITUSCIA

Three PhD fellowships for the Terrestrial domain started 01/03/2023. The students selected are: Lucrezia Luciani, Deborah Eko Omobola, Claudia Fiorella Huamani Cahuas.

UNINA

Three PhD fellowships for the Atmosphere domain started 01/01/2023. The students selected are: Matteo Manzo, Alessia Pignatelli and Ali Zeeshan.

Moreover, during Bimester 7 started also the XXXIX PhD cycle at the University of Naples Parthenope, Salento and Tuscia but the payments is expected to be released in 2024. The students selected are reported in Table 4.

Table 4: Selected students and relative University for the XXXIX PhD cycle

UNIVERSITY	SELECTED STUDENT
PARTHENOPE	Alessandro Fiore
PARTHENOPE	Francesco Giangrande
UNISALENTO	Grazia Bramato
UNISALENTO	Laura Rubriante
UNISALENTO	Daria Ferraris
UNITUSCIA	Nour Zaher
UNITUSCIA	Matteo Sabatini
UNITUSCIA	Elena calvo

In detail, these students take up service in:

UNISALENTO - Alessandro Fiore, Francesco Giangrande, Grazia Bramato started on 01.11.2023 (WP3.07)

UNITUSCIA - Laura Rubriante started on 01.11.2023, while Daria Ferraris and Nour Zaher on 01.01.2024 (WP3.07)

PARTHENOPE - Matteo Sabatini and Elena Calvo started on 01.11.2023 (WP3.07).

3.3 Financial commitment for goods and services

In the first year of the ITINERIS project, two financial commitments were undertaken for subsequent procedures:

1. DIRECT ASSIGNMENT OF THE SOFTWARE DEVELOPMENT SERVICE AND SERVICES NECESSARY FOR THE CREATION OF THE TRAINING PLATFORM AND THE METADATA CATALOG OF THE ITINERIS TRAINING RESOURCES.

This supply concerns the establishment of the training platform for the ITINERIS project, ensuring its long-term sustainability by integrating its products into the LifeWatch Italy training platform. The platform features a tailored design aligned with ITINERIS's visual identity and seamless integration with other project-developed services.

CIG: IRETLE_A0326E8221

WP: 3.01

COST: 98.000 € (VAT included)

PUBLICATION DATE: 30.11.2023

CONCLUSION: is expected to be in first month of 2024

2. OPEN INVITATION ABOVE COMMUNITY THRESHOLD ON THE ASP TELEMATIC PLATFORM OF CONSIP SPA PURSUANT TO ART. 71 OF LEGISLATIVE DECREE N. 36/2023 AND S.M.I. FOR THE ASSIGNMENT OF SPECIALIST TRAINING SERVICES FOR THE TECHNICAL AND SCIENTIFIC STAFF OF THE ITINERIS INFRASTRUCTURES, FOR DOCTORAL STUDENTS AND INFRASTRUCTURE STAFF DEDICATED TO THE SCIENCE COMMUNICATION DIVIDED INTO 3 FUNCTIONAL LOTS.

BATCH 1- “Training courses for the technical and scientific staff of ITINERIS infrastructures.” The purpose of this batch is to provide organizational services for an initial set of 18 training courses, each with an average duration of 24 hours, spread over 5 days (from Monday arrival and commencement to Friday conclusion and departure). Additionally, there is the potential to extend this service to a second block, accommodating up to 36 courses as outlined in the training plan of the funded ITINERIS project, all maintaining an average duration of 24 hours.

CIG: IRETRM_B0C25D0E0A

WP: 3.06

COST: 1.400.000 € (VAT included)

PUBLICATION DATE: 22.12.2023

BATCH 2- “Advanced training courses for PhD students”. The objective of this batch is to provide organizational services for an initial block of 18 training courses, each with an average duration of 24 hours, spread over a period of 5 days (from Monday arrival and commencement to Friday conclusion and departure). Additionally, there's potential for extending this service to a second block comprising up to 36 courses as outlined in the training plan of the funded ITINERIS project, all with an average duration of 24 hours.

CIG: IRETRM_B0C25D2FB0

WP: 3.07

COST: 941.490 € (VAT included)

PUBLICATION DATE: 22.12.2023

BATCH 3- “Training courses for infrastructure staff dedicated to science communication.” The aim of this contract is to provide organizational services for an initial set comprising 6 intensive training courses and 2 summer-winter schools, each averaging 32 hours in duration, spread over 5 days (from Monday arrival and commencement to Friday conclusion and departure). Furthermore, there's the potential to extend this service to a second set encompassing a total of 14 courses, consisting of 12 intensive courses and 2 summer-winter schools, all with an average duration of 32 hours. This

extension also includes the development of content for the semantic training platform of ITINERIS, as outlined in the funded project and subject to a separate tender for its realization.

CIG: IRETLE_B0C25D1EDD

WP: 3.08

COST: 625.000 € (VAT included)

PUBLICATION DATE: 22.12.2023

4. LIST OF ACRONYMS

OU: Operative Unit

RI: Research Infrastructure

VRE: Virtual Research Environment

WP: Work Package