

TANGO Mid-Term Review / Progress Meeting 4 – Meeting Notes

Date of Meeting: 18th & 19th September 2014

Location: Hosted by Keele University

At Wychwood Park Hotel, Weston, Crewe

*These meeting notes are **confidential** to TANGO partners. The distribution list includes all those listed below (Those present, Apologies from, Other distribution), except Dr Krüger, Ms Perez-Camaras, Dr Klein and Prof Schram.*

S Senior in network partner organisation
ER Experienced Researcher
ESR Early Stage Researcher
PO Project Officer

AA Administrative Assistant (KU)
F Finance Dept (KU)
RES Research & Enterprise Services (KU)
ESE External Scientific Expert

Those present:

Dr	Giovanni	Campa	S	AE	Ansaldo Energia SpA
Mr	Dmytro	Iurashev	ESR	AE	Ansaldo Energia SpA
Mr	Naseh	Hosseini	ESR	BEK	Bekaert Combustion Technology BV
Dr	Joan	Teerling	S	BEK	Bekaert Combustion Technology BV
Mr	Driek	Rouwenhorst	ESR	IfTA	IfTA Ingenieurbuero für Thermoakustik GmbH
Prof	R.P.I.N.	Sujith	S	IITM	Indian Institute of Technology Madras
Dr	Susann	Boij	S	KTH	Kungliga Tekniska Högskolan
Ms	Wei	Na	ESR	KTH	Kungliga Tekniska Högskolan
Mr	Luck	Peerlings	ESR	KTH	Kungliga Tekniska Högskolan
Prof	Maria	Heckl (Chair)	S	KU	Keele University
Dr	Alessandra	Bigongiari	ER	KU	Keele University
Mr	Nalini	Mukherjee	ESR	KU	Keele University
Ms	Aswathy	Surendran	ESR	KU	Keele University
Ms	Fenella	Webster	AA	KU	Keele University
Mr	James	Allman	F	KU	Keele University
Ms	Anne	Budgen	F	KU	Keele University
Dr	Peter	Hooper	RES	KU	Keele University
Prof	Mark	Ormerod	RES	KU	Keele University
Dr	Michel	Tournour	S	LMS	LMS International NV
Mr	Jonathan	Tournadre	ESR	LMS	LMS International NV
Prof	Ines	Lopez Arteaga	S	TUE	Technische Universiteit Eindhoven
Mr	Muttalip	Temiz	ESR	TUE	Technische Universiteit Eindhoven
Mr	Alp	Albayrak	ESR	TUM	Technische Universität München
Prof	Wolfgang	Polifke	S	TUM	Technische Universität München
Ms	Lin	Strobio Chen	ESR	TUM	Technische Universität München
Ms	Concepción	Perez-Camaras	PO	REA	Research Executive Agency
Dr	Hanna	Klein	ESE	REA	Research Executive Agency
Prof	Christophe	Schram	ESE	VKI	Von Karman Institute for Fluid Dynamics

Apologies from:

Mr	Federico	Daccà	S	AE	Ansaldo Energia SpA
Mr	Paul	Hix	S	DM	Deutsches Museum
Dr	Jan	Krüger	S	EES	Eberspächer Exhaust System GmbH & Co. KG
Dr	Jakob	Hermann	S	IfTA	IfTA Ingenieurbüro für Thermoakustik GmbH
Mr	Prabodh	Ranjan	ESR	IITM	Indian Institute of Technology Madras
Prof	Edgar	Fernandes	S	ISTL	Instituto Superior Técnico Lisbon
Prof	Gunilla	Efraimsson	S	KTH	Kungliga Tekniska Högskolan
Prof	Wim	Desmet	S	KUL	Katholieke Universiteit Leuven
Dr	Paula	Martinez-Lera	S	LMS	LMS International NV
Dr	Johanna	Ingenito	S	LTS	Liebherr-Aerospace Toulouse SAS
Dr	Ralf	Corin	S	SON	Sontech AB
Dr	Rick	Schulte	S	SOR	Sorama
Prof	Mico	Hirschberg	S	TUE	Technische Universiteit Eindhoven
Prof	Alessandro	Bottaro	S	UG	University of Genova
Prof	Alan	Cummings	S		

Other distribution:

Mr	Ian	Rawlinson	KU	Keele University
Mr	Mark	Pullinger	KU	Keele University
Ms	Kelly	Montana-Williams	KU	Keele University
Prof	Paul	Eggleston	KU	Keele University

Note

Given names are used throughout these meeting notes; please refer to the attendance list to ascertain the role of that individual.

Presentation Material

Maria's MTR meeting presentation slides are supplied in PDF format for reference with these meeting notes and they are also available to view in the 'Meeting Agendas / Minutes' page in the Members Section on the TANGO website <http://www.scm.keele.ac.uk/Tango/tango-network-meetings/>.

The presentation slides of the following TANGO members can also be found there:

- James Allman
- Ines Lopez-Arteaga
- Joan Teerling
- Jakob Hermann/Driek Rouwenhorst
- Giovanni Campa
- Michele Tournour

The TANGO fellows' presentations can be found on the 'Fellow Presentations' page. <http://www.scm.keele.ac.uk/Tango/tango-network-fellows-presentations/>

Also supplied with these meeting notes is

- Annex 1 of the Grant Agreement between TANGO and the European Commission
- The MTR report produced by Maria and submitted on 28/08/2014
- Christophe Schram's report

1. Welcome¹

Maria Heckl first welcomed Prof Mark Ormerod, ProVC for Research and Enterprise at Keele University, and invited him to formally open the meeting.

Mark welcomed everyone and thanked them for attending, also giving some background about Keele University's strong involvement in research, including participation in other EU funded research projects.

Maria welcomed the external guests - Ms Conception (Conchita) Perez-Camaras (REA Project Officer), Dr Hanna Helena Klein (REA Scientific Expert) and Professor Christophe Schram (von Karman Institute, External Scientific Expert chosen by Maria) - to the meeting and invited them to introduce themselves.

2. Introduction by REA Project Officer

Conchita explained that she was responsible for monitoring Marie Curie ITN projects. The MTR meeting was an opportunity for her to get to know the fellows and scientists involved. Her task at this meeting was to check that TANGO was fulfilling its contractual obligations and to assess the project so far. The assessment would cover not only the scientific aspects of the project but also other aspects such as quality and training.

Conchita said that she planned to give her feedback by email, concluding with one of three outcomes:

- The project was progressing exactly as planned, so no recommendations
- There were minor variations in the project, so would identify some corrective measures
- There were major problems, which would prompt further actions and potential closure

Conchita then raised two questions regarding meeting attendance:

- Why aren't more women present?
- Why are some supervisors not present?

Maria explained:

- Gunilla Efraimsson had been taken ill during her journey to this meeting and had to return to Stockholm.
- Paula Martinez-Lera was on maternity leave, but Michel Tournour attended in her place.
- All other women specified in the project proposal were present; there had been no personnel changes.
- Jakob Hermann (CEO of the company IfTA) had intended to come, but was called at short notice to attend to urgent business.

Conchita raised a further query on the attendance of the fellows and their supervisors.

Maria explained:

All the fellows in post were present, except the new fellow at IITM, Prabodh Ranjan. Sujith explained that Prabodh had compulsory examination commitments as part of his PhD programme at IITM, the timing of which clashed with the timing of the TANGO MTR meeting. Prabodh could not be excused from these exam commitments, other than by reason of serious illness, such as involving hospitalisation. He would be able to attend the next TANGO meeting in the spring of 2015.

¹ Presentation by Maria on Day 1 slide 2

Conchita requested that an arrangement be made for her to have the opportunity to speak to the fellow the next day. Conchita then raised a further query regarding the status of the other PhD post at IITM.

Sujith explained:

The candidate who was offered this post is from Iran, so she requires a visa to come to India. The visa application process has been very drawn-out (it has been going on for over one year). Sujith personally had been questioned at length by Indian government officials, as had the Dean of IITM, however, the visa was still not approved at this time. Sujith doubted that it would be approved in the near future.

Sujith went on to explain: Two fellows (from Italy) had recently been appointed to the new Master's positions at IITM, but they were unable to attend the MTR meeting. This was because they were required to register themselves in person locally in India as part of their visa conditions.

Hanna Klein introduced herself and pointed out that she is attending as the REA's external scientific reviewer and her role is to give feedback to the REA, using her scientific expertise to assist Conchita's evaluation of the project. Hanna has experience of working in gas turbine development in industry.

Christophe Schram introduced himself and explained that he has experience of Marie Curie projects in FP6 and FP7. He had previously worked for the TANGO partner LMS.

3. Tour de Table

Maria invited the supervisors present to introduce themselves briefly.

Ines Lopez Arteaga gave a short presentation about her background and her position at TUE. She reported that her first PhD student, Rick Scholte, had gone on to set up his own company – Sorama – which is now an associated partner in TANGO.

Giovanni Campa made a short presentation explaining his background and current work at Ansaldo Energia, as well as an overview of the company's business, which involves designing and manufacturing complete combined cycle of gas turbine and steam turbine.

Susann Boij explained her role at KTH, being research leader at the Markus Wallenberg Laboratory, which collaborates with Gunilla Efraimsson of KTH's Department of Aeronautical and Vehicle Engineering. Both, Susann and Gunilla, are part of TANGO's Work Package 1.

Driek Rouwenhorst represented Jakob Hermann, CEO of IfTA, giving an overview of the company's business, which involves designing and manufacturing monitoring systems for gas turbines.

Michel Tournour represented LMS, in place of Paula Martinez-Lera who is currently on maternity leave. He explained that LMS has been acquired by SIEMENS Industry Software (SIW). He also described the cohort of EU-funded PhD students at LMS.

Joan Teerling gave a presentation about the history of Bekaert Combustion Technology and its current product market. Hanna asked if Bekaert were taking TANGO placements for training, and Joan confirmed that Lin and Aswathy were both scheduled for secondments there in 2015.

Sujith introduced himself and explained his area of expertise at IITM and IITM's role in TANGO. He reported that Alessandra spent a couple of weeks at IITM last year and that Nalini is scheduled to take his secondment there from October 2014 to January 2015. There are discussions about plans for Alp to visit, too. Sujith also briefly explained how the two new Master's posts at IITM fit into the project.

Wolfgang Polifke introduced himself with a summary of his background and his current role at TUM. TUM has been involved in a number of EU projects, previously with others from the TANGO network including Maria, Paula and also with Christophe Schram.

Maria spoke of her academic background and her previous experience in an EU project (LIMOUSINE), before her current role as the Coordinator of the TANGO project.

4. Co-ordinator's report – Part 1: Activities to date

4.1. Scientific²

Maria described the work packages in TANGO and the individual tasks in each work package, identifying the partner organisation and the fellow carrying out each task. She confirmed that each task is a PhD project, except for the 8 month project for Task 3.6 which is about to start at Ansaldo, and for the 24 month project of Task 2.5. Maria also summarised the research objectives of TANGO.

Maria reported how the motivation for TANGO had been distilled into a number of statements about what the project wanted to achieve and what was important to the partners. These statements are posted as 'Our Values' on the home page of the TANGO website <http://www.scm.keele.ac.uk/Tango/>.

In order to illustrate TANGO's commitment to one of these values, namely publicity, Maria described the recent outreach event hosted at Keele University and presented by the fellows to an audience of 16-18 year school pupils. This had been a great success and hopefully inspired school pupils to consider a career in science.

Conchita informed the meeting that she found it hard to understand how the project was progressing, since most of the project milestones are close to the end of the project. She requested that this be explained to her before the meeting could proceed.

Chair's note: The milestones are listed in the Grant Agreement's Annex 1, which had been approved by Conchita back in August 2012.

Conchita asked specifically whether milestones 2.1 and 2.2 had been achieved. Maria replied that she would talk about this in part 2 of her report, which was scheduled for the next day. Conchita reiterated that she would like this to be fully explained before the meeting could proceed.

Chair's note: The agenda, which had been sent to Conchita on 28/07/2014 shows clearly, that the coordinator's report would be in two parts: the first one before the presentations by the fellows, and the second one after these presentations. Conchita had raised no objections to this agenda before the MTR meeting.

² Presentation by Maria on Day 1 slides 3-8

Wolfgang responded regarding milestone 2.2 and reported that they have made progress insofar as the software tools for identification of convective disturbances in LES are operational. However, the physical interpretation of the results obtained so far is challenging; they are currently working on developing fluid-mechanical concepts and mathematical analysis tools to overcome these problems. He commented that identifying problems was an important factor in making progress with scientific research and should not be seen as detrimental to the project.

Sujith responded regarding milestone 2.1. Due to recruitment problems, Sujith started this work himself with the help of his local non-TANGO PhD students, so that the project would not be compromised by delays at his end. Alessandra had visited IITM to familiarise herself with the experimental setup, and to gather data for future analysis. Alessandra confirmed this.

At his point, the TANGO fellows and network members made repeated efforts to explain project progress in a way that would be understandable to a lay observer. Attendees engaged in a lengthy general discussion on project progress which diverged considerably from the agreed agenda in an effort to reassure Conchita that the network was satisfied with project progress and this could be evidenced with reference to the project milestones.

Wolfgang commented that since the data obtained by Alp has not been as expected, Alp's secondment to IITM would have to be rescheduled. However, this will have no negative impact on any of the other TANGO partners.

Sujith confirmed that he had worked with a turbulent combustion test rig at TUM and had recreated this at IITM.

Susann reported that milestone 1.1 has been reached: the test rig work for Work Package 1 is operational, and the investigation of the experimental results is under way.

Ines reported that the work towards milestone 3.1 is on track and will be completed on time.

Conchita contended that the submitted MTR Progress Report was focussed on individual project tasks, but did not report on progress of the project as a whole.

[Chair's note: The MTR Progress report was submitted on 28/8/2014, and Conchita had raised no concerns before this meeting.](#)

Conchita also contended that the 9 scientific milestones in Annex 1 were not sufficient for 15 fellows' work.

[Chair's note: The milestones are listed in the Grant Agreement's Annex 1, which had been approved by Conchita back in August 2012.](#)

4.2. Training³

WP1 Meeting

Maria referred briefly to the Work Package 1 meeting at LMS in Leuven in March 2014.

TANGO website

Maria demonstrated the 'Online Lectures' page on the TANGO website, which contains many videos of lectures in aeroacoustics and thermoacoustics. Among them are 41 lectures on thermoacoustics prepared by Sujith. Maria explained that this part of the website is a growing resource for the future, and that more videos will be added from various sources within TANGO and also from outside TANGO (if there were no copyright issues).

Generic training at the host institution

Maria listed some of the generic training modules provided locally by the fellows' host institutions. She briefly described the hands-on research supervision of the fellows.

Technical and generic TANGO workshops

Maria showed the schedule of scientific workshops and generic workshops completed so far. She explained the 'roving' meeting ethos: the workshops are timetabled in such a way that they take place in the same week and location as the twice-yearly progress meetings, which are hosted by different partner organisations. Sujith emphasised that outside speakers are invited to the scientific workshops. Susann added that for instance, at the meeting hosted by KTH in May 2014, a mixture of academics and external industrial and commercial speakers were involved.

Conchita asked if training through workshops is being evaluated. Maria explained that she is involved in the planning of each workshop, and does this interactively with the respective partner. She is open at any time to feedback on training issues. Sujith and Susann added that informal discussions take place after each workshop, and that training plans are adjusted and revised in line with these discussions.

Maria reported that anonymous feedback forms were not being used. Conchita questioned why feedback forms were not used, although it was acknowledged that there was no contractual obligation to implement feedback forms as per Annex 1 of the Grant Agreement.

Conchita questioned whether the fellows have given feedback regarding the Online Lectures on the TANGO website. Maria confirmed this. As an example, she mentioned that Luck had suggested adding the Lecture Series by the National Committee for Fluid Mechanics Films; this is now on the website.

Conferences

Maria listed all the conferences (7 in total) attended by the TANGO fellows. She reported that the ICSV21 in Beijing had been a particular success: 11 of the 12 TANGO fellows had attended it and had given excellent presentations. She had received very positive feedback on the TANGO presentations from senior scientists at this conference.

4.3. Networking⁴

Maria explained that the format of the TANGO network meetings involved both formal and informal networking. The twice-yearly meetings run from lunch-to-lunch over two days with an evening dinner for all on the first day.

³ Presentation by Maria on Day 1 slides 9-12

⁴ Presentation by Maria on Day 1 slides 13-14

Another networking feature is the fellows' Facebook page. Maria invited Muttalip to elaborate on this. Muttalip explained that the Facebook group was spontaneously created as a 'hidden' group, to be accessed by the group members only. The fellows had found it useful as a means of support, often to do with making plans for visits (travel & visas issues) and also it had a purely social aspect.

Fellows can also make informal visits to other TANGO partners. So far the following visits have taken place:

- Alessandra has visited IITM and Ansaldo
- Muttalip has visited KTH
- Nalini's visit to IITM is imminent

Joan confirmed that Aswathy and Lin are due to visit Bekaert in 2015.

Maria mentioned that workshops have involved external speakers from industry: Alstom, Siemens, GE.

4.4. Management⁵

Recruitment

Maria presented an overview of the fellows' appointments, showing when they started work and what task they are working on. She added that Mr Jiansheng Yang is about to start work at Ansaldo on task 3.6, after a long visa application process.

Maria summarized the recruitment problems at IITM and reported that two short-term master-level projects have been created and filled with two Italian candidates.

Conchita questioned the appropriateness of the creation of the two short-term master positions at IITM. The meeting was reminded that Conchita had approved these positions as part of the review of unfilled PhD positions at IITM. Conchita informed the meeting that despite the earlier decision, she did not want any further master projects at IITM.

Conchita then turned to the issue that TANGO has an Iranian fellow (Naseh), while the European Union has imposed sanctions against Iran. She explained that she needs to double-check the situation with Naseh in the light of these sanctions. Maria explained that Naseh would not be allowed to have a secondment at the gas turbine producer Ansaldo and believed this to be sufficient control. Conchita said that she would check whether Naseh would have to undergo the same checking process that the Iranian candidates destined for IITM went through. Naseh asked if he could do anything to facilitate this, and Conchita replied that she would discuss this later with Naseh, Joan and Maria.

Chair's note: Such a discussion has not taken place to date.

Chair's note: Naseh's Declaration of Conformity, which was submitted on 13/11/2013, clearly states that Naseh is a national of Iran. No concerns were raised about this in November 2013, nor in the months that followed. The European Union's sanctions had been in place then (see e.g. <http://www.bbc.co.uk/news/world-middle-east-19947507>)

Chair's note: In the MTR report (page 14), Maria states that in order to comply with the sanctions, Iranian fellows will not be allowed to have a secondment at Ansaldo Energia (gas turbine producer).

⁵ Presentation by Maria on Day 1 slides 15-17

Maria commented that TANGO had been very successful in recruiting women to the fellowship posts.

Conchita pointed out that information in the MTR report had been entered incorrectly: The 'Duration of Fellowship' should show the number of months completed so far in the project, not the total number of months of the fellows' employment contracts. Conchita explained that she would reject the report; it will then need to be corrected and resubmitted via the Participants Portal.

Financial⁶

Maria invited James Allman to cover the financial aspects.

Presentation by James Allman

James introduced himself in respect to his role in TANGO. He described his involvement in the project so far, at the Kick-off Meeting in 2012 and at the Munich Progress Meeting in 2013. He went on to explain the financial payments schedule and stressed that the deadline for submission of Period 1 Form Cs to Keele is 21 November 2014, to allow sufficient time for checking at Keele before submission to the EU.

James commented that the funding threshold for compulsory audits is €375k, but that spot audits are possible. Audits can take place up to 5 years after the end of the project. James stressed that Cost Category 4 (Management) is an actual cost category and will be checked in fine detail in the event of an audit.

James noted that some partners still need to set up the Financial Signatory for electronic submission of Form Cs on the EU Participant Portal, and stressed the importance of this to ensure that all Form Cs are submitted on time.

James offered his advice on an individual basis if partners wished to speak to him in private. He and his colleague Anne would be available that evening at dinner and the next morning, while the fellows met with Conchita.

4.5. Other Activities⁷

TANGO Science Market

Maria spoke about the TANGO Science Market outreach event, which had taken place the previous day at Keele. Maria described the format of having six 'market stalls' each manned by two TANGO fellows, making an interactive presentation with hands-on experiments. The event attracted about 40 pupils aged 16-18 years, accompanied by their teachers, and was a great success.

Charity Event in India

Donations from TANGO fellows, supervisors and the associated partners far exceeded the initial target (by a factor of 3) and resulted in raising sufficient funds to purchase 600 school kits for under-privileged school children in Chennai.

4.6. The TANGO website

⁶ James Allman's presentation 'TANGO Project Finances'

⁷ Presentation by Maria Day 1 slides 19 - 21

Maria skipped this item as the meeting was over-running on time.

Other business

Conchita asked about the roles of the project's Associated Partners, noting that none were in attendance at the MTR meeting. Maria summarised their roles and involvement.

Deutsches Museum: An active and useful partner represented by Paul Hix, who had organised and presented a workshop on 'Outreach and Communications' last year. Paul has attended most previous meetings and, although he had been unable to attend this meeting, he had helped with the preparations for the outreach event at Keele.

Katholieke Universiteit Leuven - Wim Desmet is Jonathan's academic supervisor.

University of Genova - Alessandro Bottaro is Dmytro's academic supervisor.

Sorama - The company founder, Rick Scholte, is contributing to workshops.

Sontech will be hosting the industrial secondment of Muttalip.

Swenox: The company was taken over (and subsequently closed down) by Eberspächer Exhaust System GmbH, who are peripheral to the project.

Liebherr-Aerospace Toulouse is not active now. Its original company representative, Estelle Laurendeau, moved to a new job and the new representative, Johanna Ingenito, has not attended meetings.

Instituto Superior Techico Lisbon is not actively participating.

Mico Hirschberg is Muttalip's co-supervisor at TUE and he has attended some meetings.

Alan Cummings initiated the WP1 meeting and has attended earlier progress meetings.

Conchita made the following comments.

- New associated partners can be added to the network as they might be useful for secondments. This should be done via a request to the REA.
- TANGO should take a flexible approach to secondments and change the placements as the project develops.
- Secondments should be longer than 2 months duration.
- Fellows based at academic institutions should gain commercial or industrial experience in their secondments, and vice versa.

Conchita questioned why Nalini's secondment was from an academic to another academic institution; Maria replied that Nalini has industrial experience already, but not experimental experience, which he would gain at IITM.

[Chair's note: In Annex 1, the duration is specified as 2 months for most secondments.](#)

Tea/coffee

5. Fellows' Presentations⁸

Luck, Wei, Jonathan and Nalini each gave a 10 minute presentation about themselves, their work and role in the project and their aims for the future. Conchita and Hanna asked many questions, so that about 20 minutes was spent on every presentation. As the meeting was over-running on time, the remaining fellows' presentations were deferred until the next morning.

The meeting was adjourned at 18:30.

Day 2

The meeting resumed at 8am on Friday 19th September 2014.

The fellows' presentations continued, with contributions from Alp, Alessandra, Driek, Muttalip, Aswathy, Lin, Naseh and Dmytro.

During Driek's presentation, Conchita again questioned the absence of certain supervisors from the meeting, and reassurance and explanations were again provided by other attendees.

Before Aswathy's presentation, Sujith managed to connect via Skype with the 3 fellows at IITM. Prabodh Ranjan gave a brief presentation about himself and his current work. Luca Agrati and Diego Zangrillo introduced themselves, explaining their place in the project.

6. Fellows' meeting with REA

After a short break, the fellows reconvened to have their private meeting with Conchita and Hanna, without the seniors or others present.

7. Coordinator's report – part 2: Summary and outlook

Maria had prepared PPT slides for day 2 of the MTR meeting, in order to present part 2 of her report. Since the meeting was running late, she skipped the slides, and instead gave a brief summary:

- Most fellows are still in the first half of their PhD programme and have done very well to produce at least one conference paper.
- These conference papers will develop into refereed journal papers.
- The ICSV21 in Beijing had been a great success for TANGO; complimentary comments from a senior thermoacoustics researcher (Professor Xuesong Wu of Imperial College London) had found their way back to Keele.
- The next ICSV will be in Florence in July 2015, and this will have a dedicated TANGO session.
- There are plans by Sujith (Editor in Chief of the Journal for Spray and Combustion Dynamics), to bring out a special issue of this journal with papers from the TANGO project.
- Sujith and Maria have plans to produce a book with chapters covering each task in TANGO.

⁸ Presentation by Maria Day 1 slide 24

Conchita asked if fellows are going to write papers together, to which Maria replied positively. Naseh commented that this would automatically happen through their involvement in the project. Alessandra commented that joint publishing would be an outcome of secondment placements.

Christophe offered to host a lecture series at the von Karman Institute, which Maria confirmed her interest in.

Conchita raised the issue of the 22 unused ESR months that have arisen at IITM due to the visa problems with the Iranian candidates. She asked Sujith to explore a 22-month project or to consider transferring the funds to another partner in the network. She suggested combining the funds with the money lost due to Aswathy's slightly shortened contract. She also suggested extending the 8-month position at Ansaldo.

Chair's notes: The country coefficient for India is 0.558, while for European countries it is typically around 1. Hence 22 ESR months in India correspond to about 12 ESR months in Europe. The total number of unused ESR months in India is 28, not 22; this is because there are an additional 6 unused months associated with the other ESR position at IITM (the ESR Prabodh Ranjan will be funded for only 30 months). Conchita's perception regarding "Aswathy's shortened contract" is wrong: Aswathy will get a salary for 36 months.

Conchita requested that the issue be considered during the meeting, but Maria informed attendees that discussion of such an important matter would be deferred so that all issues could be taken into account.

encouraged the meeting to make a quick decision on which action to take. A discussion ensued in which several questions and opinions were voiced. Maria put a stop to this out-of-control decision making process.

8. Feedback

Christophe gave his feedback and Maria asked if he would send a written version as follow-up. This is available from the TANGO website <http://www.scm.keele.ac.uk/Tango/tango-network-meetings/>

Conchita thanked the fellows for their presentations and feedback. She said that she would send written feedback, but it would take more than two weeks for her to follow this up as she has other urgent issues to deal with. Hanna's feedback would come via Conchita. She gave no indication that TANGO would be funded for the next two years.

Chair's note: In an email dated 2/10/2014, Conchita said that her feedback would probably come at the end of October. After an enquiry by Maria, she confirmed in an email dated 3/10/2014 that TANGO would be funded for the next two years.

Close

Maria thanked everyone for attending and requested that everyone convene for the customary group photograph, then closed the meeting.