

Réunions de démarrage du projet CITiES

An aerial photograph of a city, likely Grenoble, France, showing a river winding through the urban landscape. In the background, there are large, rugged mountains under a clear blue sky. A semi-transparent white box is overlaid on the center of the image, containing the dates of the meetings.

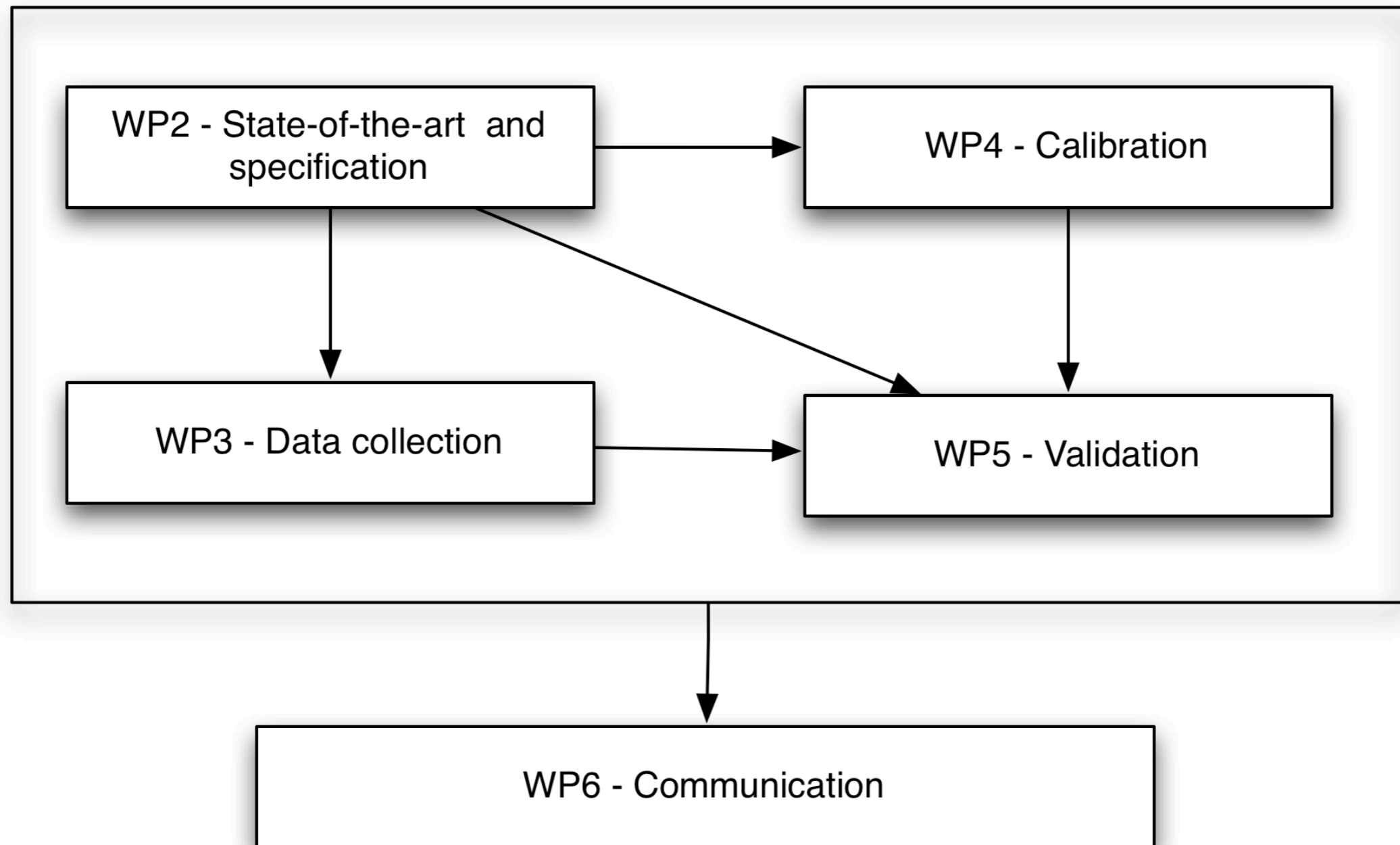
22, 23 et 24 janvier 2013



Coordination globale du projet

- WPs, interconnections
- Recrutements
- Organisation, programme de travail, responsabilités, cadence des réunions.... (jeudi matin 11h)

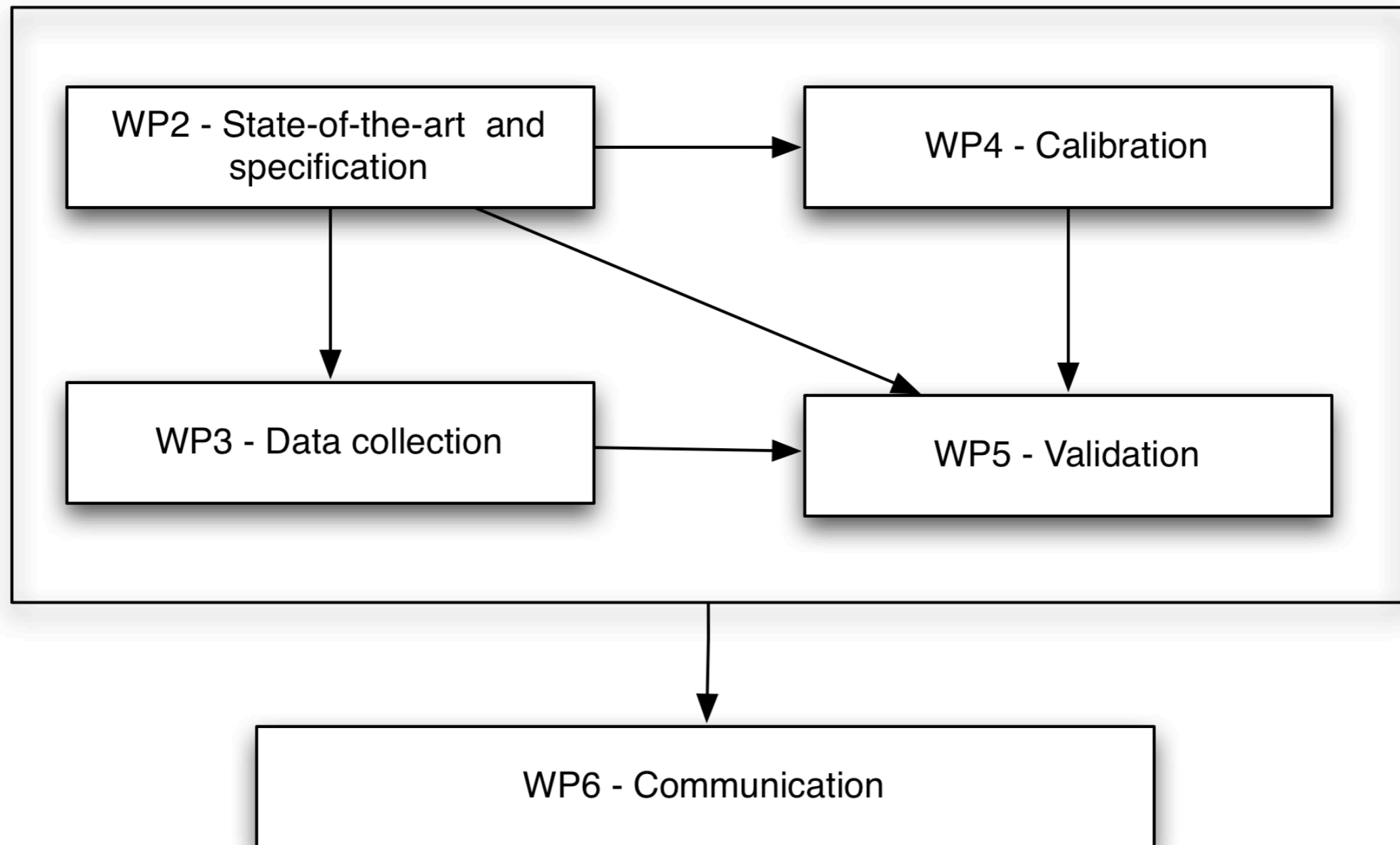
WP1 - Administrative and scientific coordination



WP6 - Communication

Work-package	Task
1. Administrative and scientific coordination	1. Administrative and scientific animation
	2. Setup and maintenance of a project intranet
2. State of the art and specifications	1. End-user specifications
	2. Training in LUTI models
	3. SoA and training in numerical tools
	4. SoA on LUTI models practice
	5. Specification of the objects of study
3. Data collection	1. Identification of data needs and collection
	2. Preparation and harmonization
4. Calibration	1. Sensitivity analysis / screening
	2. Selection and implementation of the algorithms
	3. Algorithmic validation
5. Validation	1. Historical validation
	2. Uncertainties
	3. Validation based on sensitivity analysis
6. Communication	

WP1 - Administrative and scientific coordination



Pirandello / TRANUS
Paris IdF / Grenoble

Urbansim
Lyon

WP4

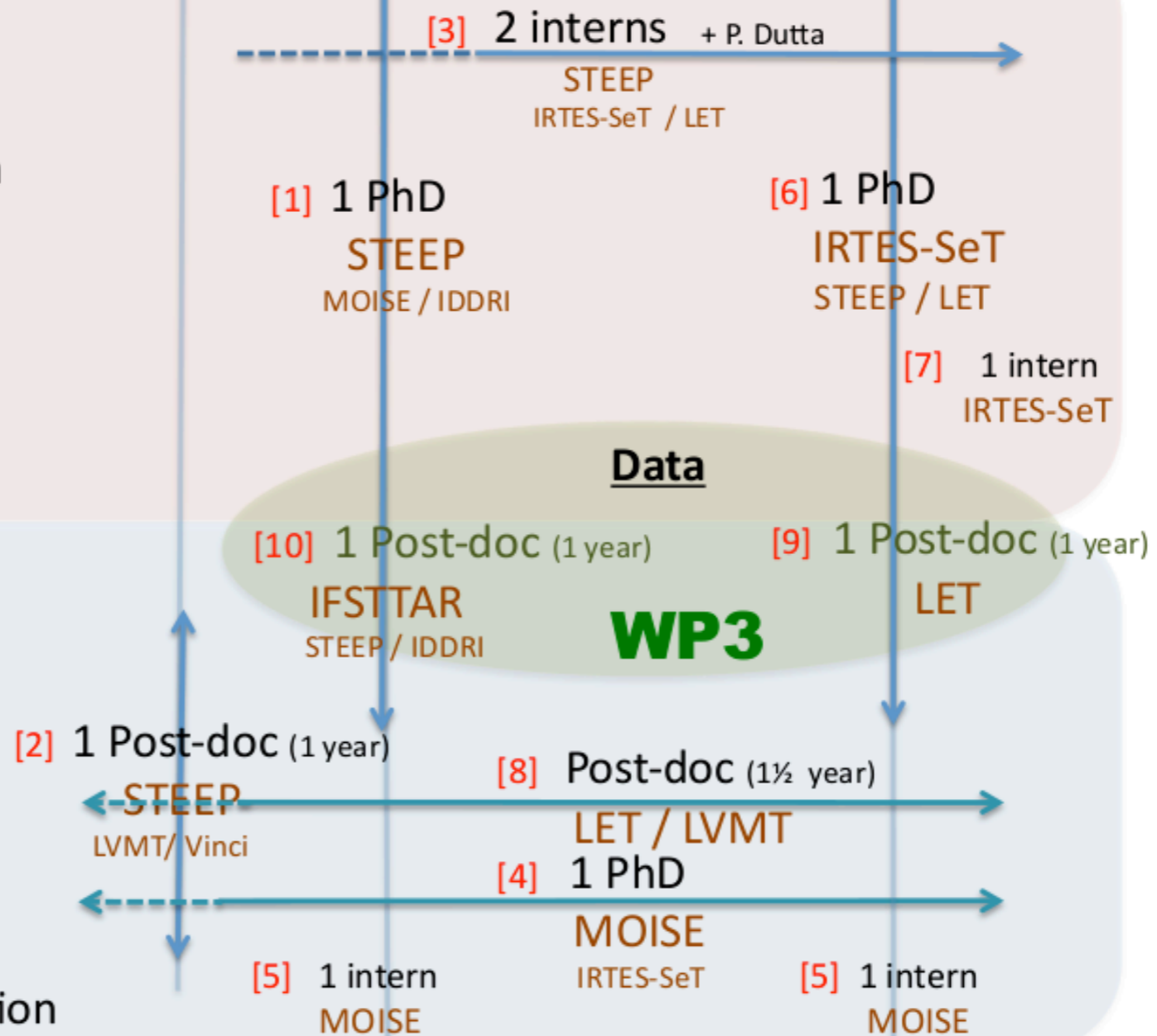
Calibration

- Sensitivity analysis
- Parameter estimation

WP5

Prospective

- Historical validation
- Validation by sensitivity analysis
- Uncertainty propagation



+ 1 poste IDDRI
(WP2 et WP6 + Transus)

Pirandello / TRANUS
Paris IdF / Grenoble

Urbansim
Lyon et Paris

Calibration

- Sensitivity analysis
- Parameter estimation

WP4

[3] 2 interns + P. Dutta
STEEP
IRTES-SeT / LET

[1] 1 PhD
STEEP
MOISE / IDDRI

2 PhD
LET / INRIA
IAU / IRTES-SeT

[7] 1 intern
IRTES-SeT

Data

[10] 1 Post-doc (1 year)
IFSTTAR
STEEP / IDDRI

[9] 1 Post-doc (1 year)
LET

WP3

WP5

Prospective

- Historical validation
- Validation by sensitivity analysis
- Uncertainty propagation

[2] 1 Post-doc (1 year)
STEEP
LVMT/ Vinci

[8] Post-doc (1½ year)
LET / LVMT

[4] 1 PhD

MOISE
IRTES-SeT

[5] 1 intern
MOISE

[5] 1 intern
MOISE

+ 1 poste IDDRI
(WP2 et WP6 + Transus)



Bonus : 1 PhD INRIA
Anthony Tschirhard



Organisation globale et programme de travail

kickoff Projet CITiES

Coordination globale du projet

- Animation des réunions et groupes de travail par WP
(responsabilités, démarrage, cadence)
- Recrutements des post-doc: Quand ? (quid des doctorants ?)
- Livrables
- Jalons
- Plateforme d'échanges ?

Responsables des WP

- WP1: coordination scientifique et adm.: STEEP (E. Prados)
- WP2: Etat de l'art et spécifications: STEEP (E. Arnaud ou E. Prados ???) et IDDRI (M. Saujot)
- WP3: Data collection: IFSTTAR (M. De Lapparent)
- WP4: Calage: MOISE (A. Vidard)
- WP5: Validation: LET (Jean-Pierre ou Patrick ???)
- WP6: Communication: IDDRI (M. Saujot)

Synchronisation des taches et jalons

Work-package	Task	01-06	07-12	13-18	19-24	25-30	31-36	37-42
1. Administrative and scientific coordination	1. Administrative and scientific animation							
	2. Setup and maintenance of a project intranet							
2. State of the art and specifications	1. End-user specifications							
	2. Training in LUTI models							
	3. SoA and training in numerical tools							
	4. SoA on LUTI models practive							
	5. Specification of the objects of study							
3. Data collection	1. Identification of data needs and collection							
	2. Preparation and harmonization							
4. Calibration	1. Sensitivity analysis / screening							
	2. Selection and implementation of the algorithms							
	3. Algorithmic validation							
5. Validation	1. Historical validation							
	2. Uncertainties							
	3. Validation based on sensitivity analysis							
6. Communication								

M1a: specs finalized
M1b: sensitivity analysis for calibration done

M3: calibration package finalized

M2a: data collection finalized
M2b: first calibration algorithms
M2c: validation scenarios ready
M2d: first sensitivity analysis algorithms

Pirandello / TRANUS
Paris IdF / Grenoble

Urbansim
Lyon et Paris

WP4

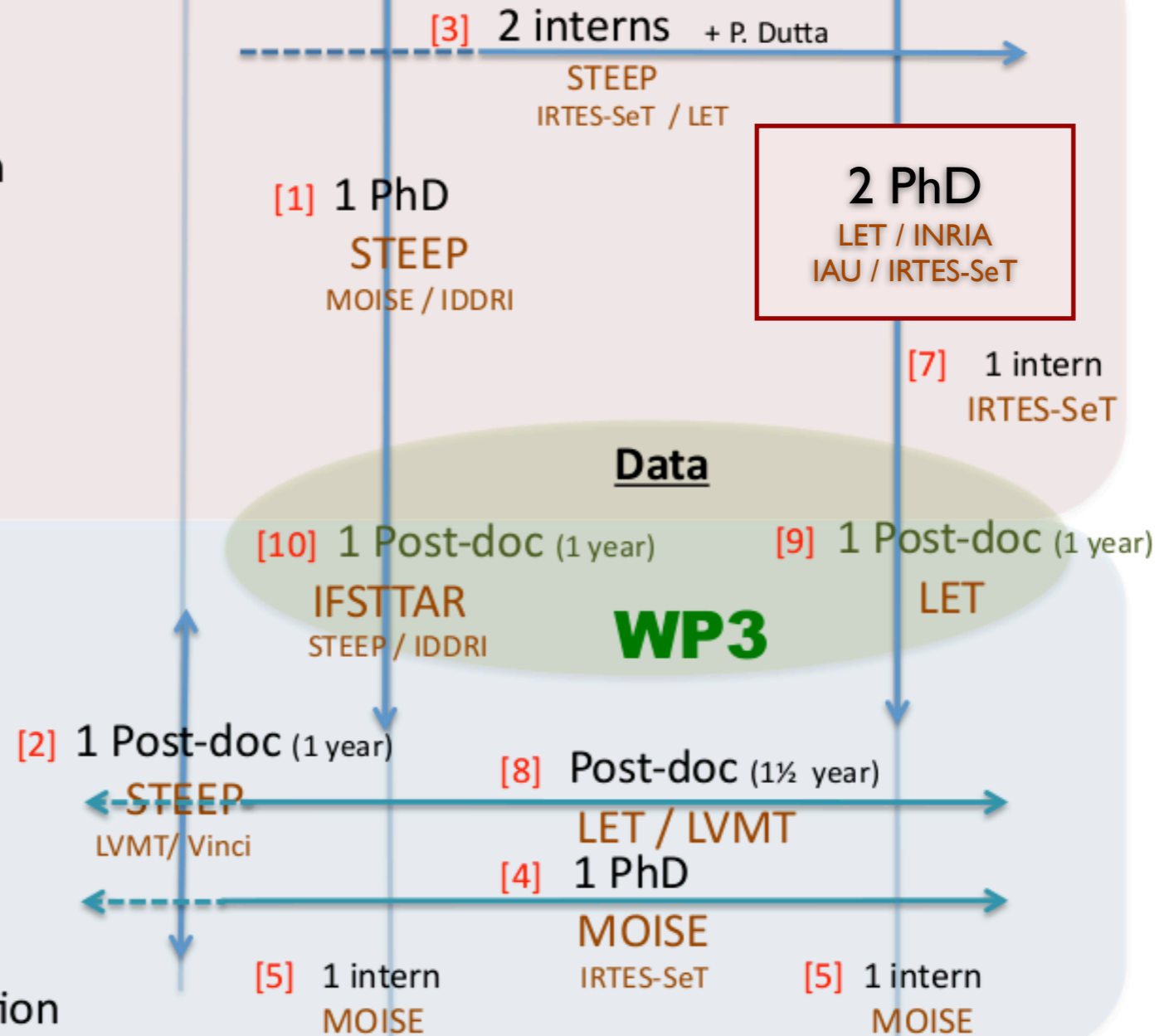
Calibration

- Sensitivity analysis
- Parameter estimation

WP5

Prospective

- Historical validation
- Validation by sensitivity analysis
- Uncertainty propagation



+ 1 poste IDDRI
(WP2 et WP6 + Transus)



Bonus : 1 PhD INRIA
Anthony Tschirhard

Livrables	T0+x	Partner in charge
WP1 Scientific and Administrative Coordination		
D1.1 Consortium agreement	6	STEEP
WP2 State of the Art and Specifications		
D2.1 Report defining the final users expectations and requirements concerning LUTI models	6	IDDRI
D2.2 State-of-the-art report on practices for LUTI models calibration and validation	18	STEEP
D2.3 Report describing the objects of study and the validation and calibration procedures	18	STEEP
WP3 Data collection		
D3.1 Good practice booklet in data collection for LUTI models	18	IFSTTAR
D3.2 Good practice booklet in data preparation and harmonization for LUTI models	18	IFSTTAR
D3.3 Databank for case studies (T0+36)	24	IFSTTAR
WP4 Calibration		
D4.1 Documentation describing and explaining the choice of the adopted method(s)	18	MOISE
D4.2 Algorithm and code performing the optimization of parameters for the three models	30	MOISE
D4.3 Report summarizing the results of the application of the above proposed algorithm	36	MOISE
WP5 Validation		
D5.1 Documentation explaining the methodology and the choice of the adopted method(s)	18	LET
D5.2 Algorithm and code performing the validation for the three models	36	LET
D5.3 Report summarizing the results of the proposed algorithm to the different models	42	LET
WP6 Communication		
D6.1 Project website	42	STEEP
D6.2 Exploitation plan	42	STEEP
D6.3 Final dissemination report	42	STEEP

programmation

- Démarrage WP2 tout de suite! (à 11h)
 - Réunions de démarrage des autres WP en juin ou septembre ?
- ➔ Préparation minutieuse **en amont** par les responsables des WPs
(avec moi et certains autres partenaires clefs si vous le désirez! :-))

Plateforme d'échange

- Quoi ? bibliographies, articles communs, données, modèles, codes... ?
- Buts ? Pourquoi centraliser ? Gestion pratique...
- Tout visible à tous les partenaires !
- Portabilité de codes / modèles ?
- Gforge INRIA ?