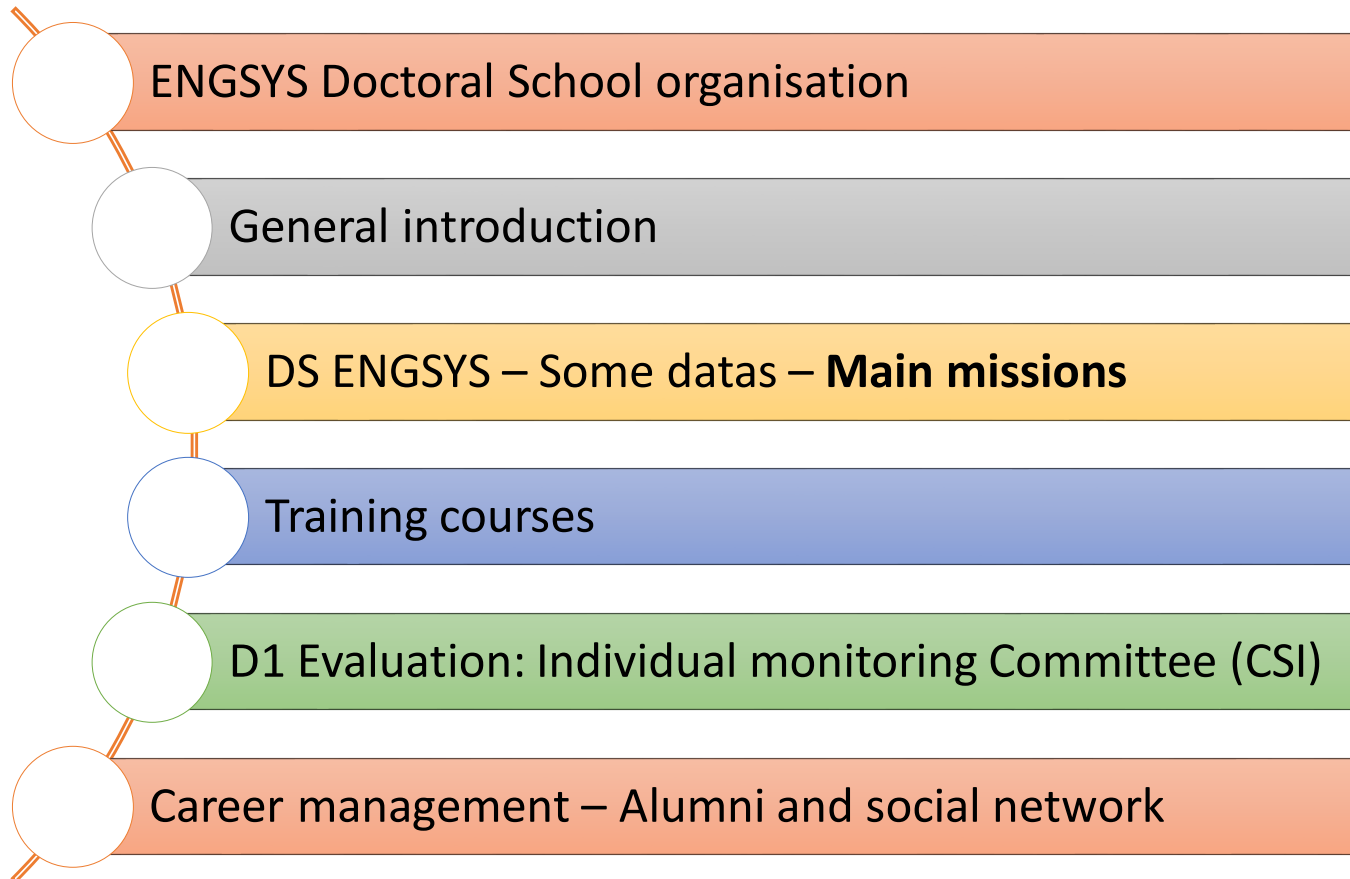


ENGINEERING and SYstems Sciences

Sciences de l'ingénierie et des systèmes

D1 StartDoc meeting - Outline



- Graduate program IKS – Pr Marc LEFRANC



ADSL



GS ENGSYS – References (1/2)

Director

Dir-edengsys@univ-lille.fr
Henri.happy@univ-lille.fr

Administration

Sec-edengsys@univ-lille.fr

Mrs Thi NGUYEN
Thi.Nguyen@univ-lille.fr

Mrs Céline ZAKA-SAADE
celine.saade@univ-lille.fr

Web site



Accessibilité Dyslexie Contraste Mode sombre

Contacts Université de Lille

Ecole doctorale
Sciences de l'Ingénierie et des Systèmes
ENGYSYS

Accueil Présentation - Documents International Avant le doctorat Inscription via ADUM Pendant le doctorat Après le doctorat Direction de thèses Calendriers, annuaires et soutenances Infos pratiques Devenir des docteurs

Bienvenue à l'Ecole Gradué ENGYSYS-632 <https://edengsys.univ-lille.fr>

Créée en septembre 2021, l'Ecole doctorale (ED) ENGYSYS-632, qui couvre le secteur des sciences de l'ingénierie et des systèmes, est l'une des 7 écoles graduées du Collège des Etudes Graduées de l'Université de Lille.

Environ 300 doctorants y préparent leur doctorat dans l'un des 3 domaines suivants:

Actualités

GS ENGSYS: Organization (2/2)

Executive Board



Director
Pr Henri HAPPY

Administration
Thi NGUYEN
Céline ZAKA-SAADE

MNTAT Leader (DED)
Pr Vincent THOMY

MGCEM Leader (DED)
Pr Damien SOULAT

GE Leader (DED)
Pr Frédéric GIRAUD

**Microelectronic,
NanoTechnology,
Acoustic and
Telecoms
(MNTAT)**

**Mechanic, Civil
Engineering, Energy
and Materials
(MGCEM)**

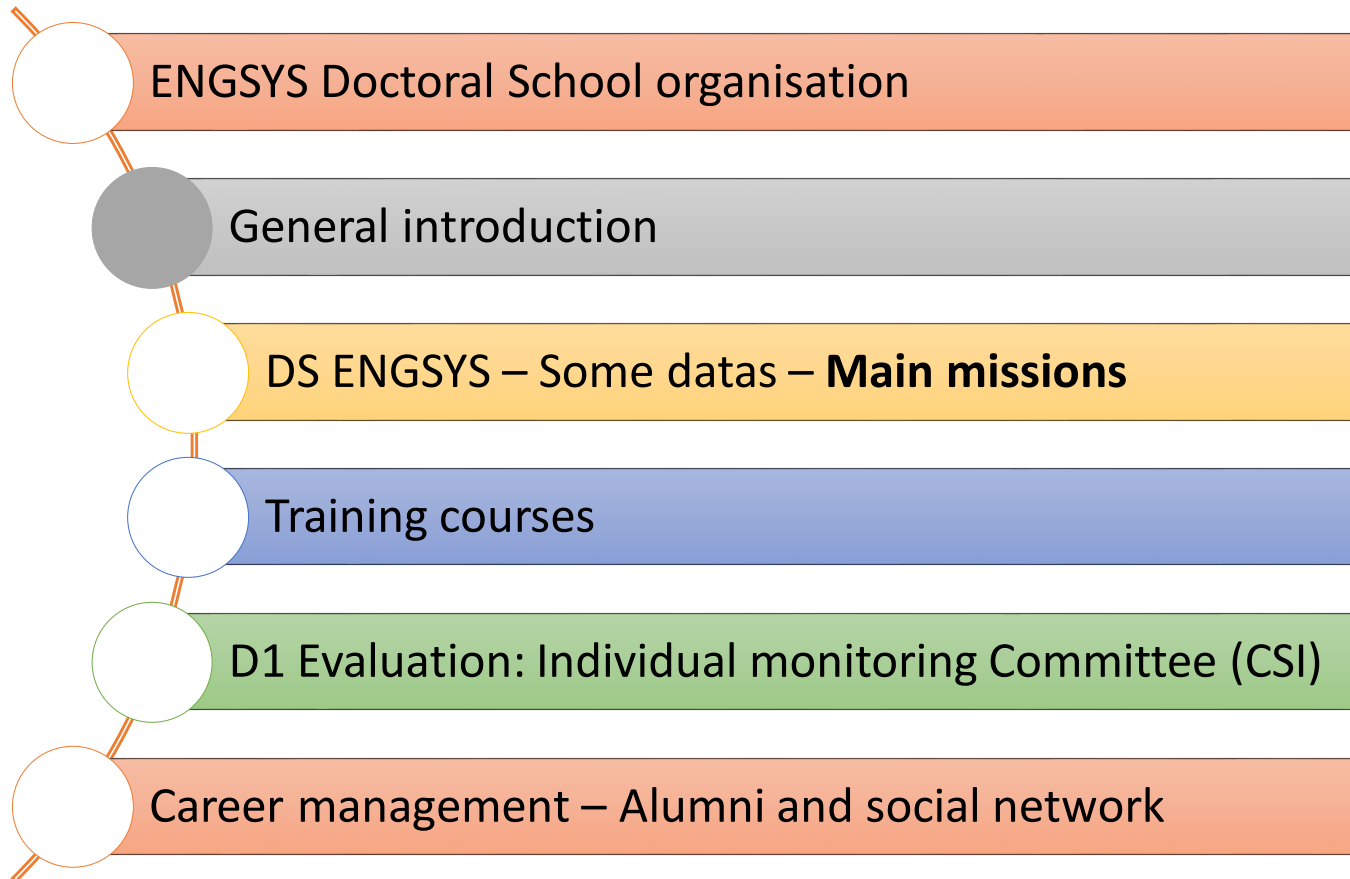
**Electrical
Engineering
(GE)**

Legislative Board

Council of ENGSYS
26 members
(including 5 PhD
representatives)



D1 StartDoc meeting - Outline



- Graduate program IKS – Pr Marc LEFRANC



ADSL



General introduction

PhD study in France is defined by a law

Arrêté du 25 mai 2016

Replaced by

Arrêté 26 août 2022

Internal rules of procedure of Doctoral School derive from this law

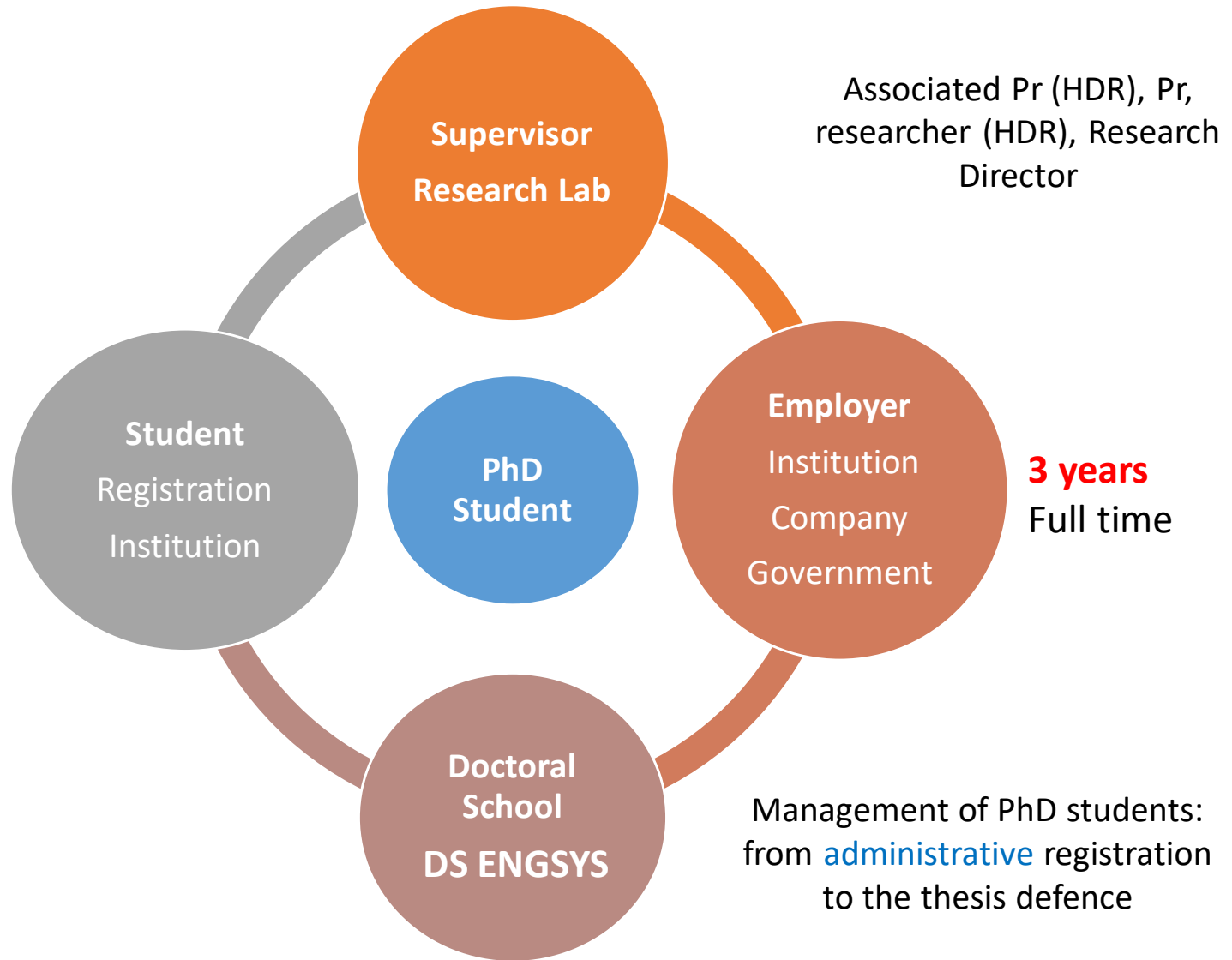
All the doctoral students must be registered in a **Doctoral School**

Policy of « University of Lille »: Development of **Graduate Programs**



IKS – Information and Knowledge Society

General introduction



General introduction

You have been recruited as a PhD student

You should be proud of yourself

You have acquired skills needed for PhD student

- Communication skills (interview with your supervisor)
- You know how to manage your time
- You know how to work efficiently
- Open mind
- ...

During your thesis

- You will learn about your subject
- You will contribute to produce new scientific results
- You will acquire complementary skills

A long journey with highs and lows towards **PhD**

General introduction

PhD student



Carte d'étudiant



Only few Institutions could deliver the PhD diploma

Emploiment contract

PhD thesis is a real work –
The begning of your professional career



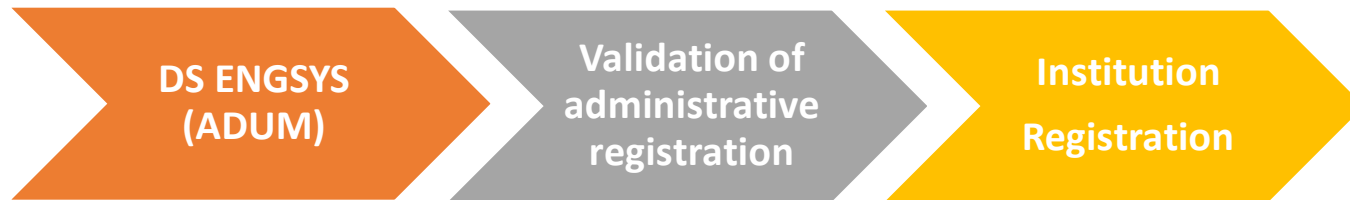
Social security contributions

Unemployment contributions

In the event of illness, sick leave certificate

Very important in case of chronic illness

General introduction



Institution	Contact
Université de Lille (ULille)	Celine.saade@univ-lille.fr
Centrale Lille Institut (CLille)	Scolarite.phd@centralelille.fr
Institut Mines Nord Europe (IMT)	inscription@imt-douai.fr christine.charlet@imt-lille-douai.fr
Université Gustave Eiffel (Univ. Eiffel)	sebastien.gaglianone@univ-eiffel.fr

General introduction



ACCÈS DOCTORAT UNIQUE ET MUTUALISÉ

PORTAIL INTERNET D'INFORMATIONS, DE SERVICES, DE COMMUNICATION, DES DOCTORANTS ET DOCTEURS

THE ADUM

MY ADUM ACCOUNT

RESEARCH NEWS

EMPLOYMENT

DOCTORATE INFORMATION



Login to your private space

Recherchez sur ADUM

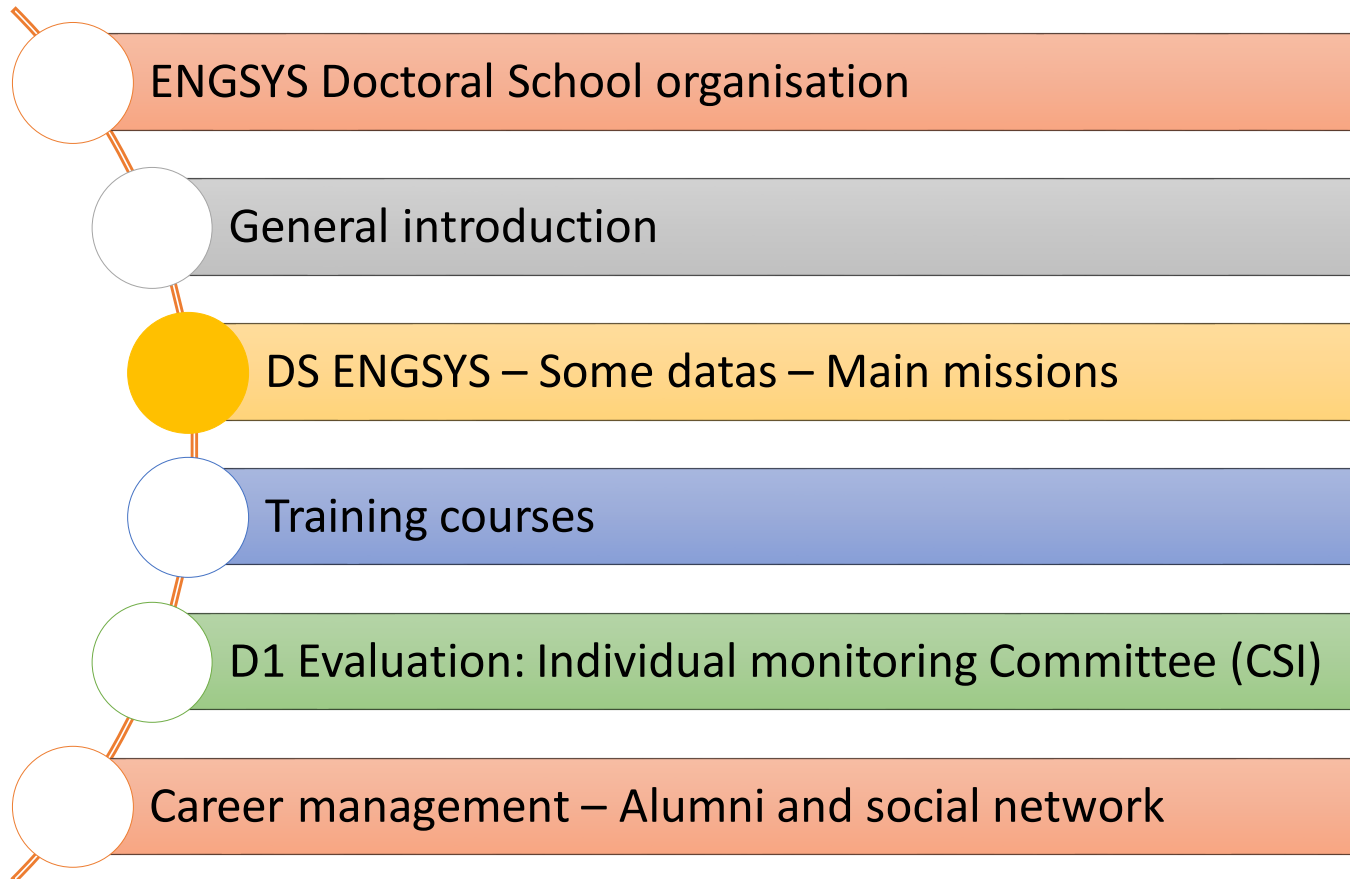


THE ADUM NETWORK

Languedoc Roussillon	Midi Pyrénées	Marseille	Grenoble Savoie	Bourgogne Franche-Comté	Lorraine	Reims	Paris-Est	Paris	PSL	Paris-Saclay	Institut Polytechnique de Paris
Cergy-Pontoise	Nanterre	Bordeaux	Pau	Centre Val de Loire	Lille Nord de France	Amiens	La Réunion	Nice	Limoges	Clermont-Ferrand	



D1 StartDoc meeting - Outline



- Graduate program IKS – Pr Marc LEFRANC



ADSL



You are not alone during your thesis

You are working in a research Lab

Open your mind (participation to scientific seminars)

Talk with other doctoral students

Take part in the activities of doctoral student associations

Create your own network

ADSL



GS ENGSYS: datas (January 2023) (1/2)

185 HDR

Disciplinary field	Research units
MGCEM (79) Damien SOULAT	<div>CERI EE, MP, SN (5)</div> <div>Autres (2)</div> <div>LAMCUBE (23)</div> <div>LMFL (7)</div> <div>LGCGE (18)</div> <div>UML (13)</div>
MNTAT (90) Vincent THOMY	<div>GEMTEX (11) (1)</div> <div>COSYS (4)</div> <div>IEMN (82)</div> <div>Autres (3)</div>
GE (16) Frédéric GIRAUD	<div>L2EP (16)</div>

HDR per Institutions						
	ULille	Centrale Lille	UGE	IMT	Autres	
GE	8	6			2	16
MNTAT	74	4	4	1	7	90
MGCEM	48	14		13	4	79
	130	24	4	14	13	185

PhD per Institution

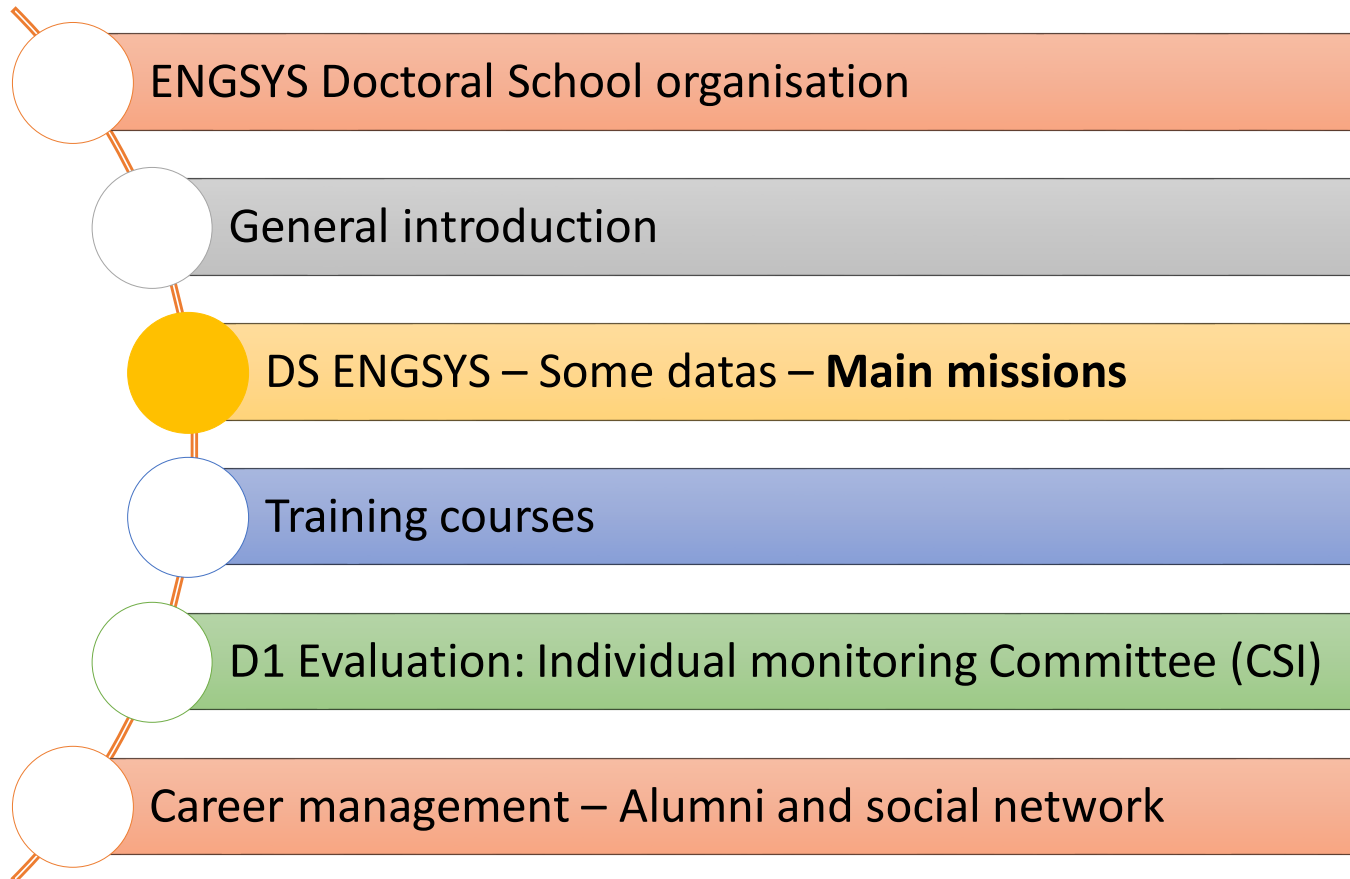
Inscrits 2022-2023 par année et par établissements						
Année de thèse/établissement	D1	D2	D3	D4	D5 et plus	
ULille	45	46	60	33	2 + 2 D6)	188
Centrale Lille	14	21	20	8		63
UGE	1	2	1			4
IMT	4	5	7	2		18
	64	74	88	43	4	273

Registration (2022-2023) by year						
Année de thèse	D1	D2	D3	D4	D5 et plus	
GE	14	7	8	8		37
MNTAT	21	30	38	20	1	110
MGCEM	29	37	42	15	3	126
	64	74	88	43	4	273

Gender: W (74 - 27%) - M (199 - 73%)

Withdraw - 01

D1 StartDoc meeting - Outline



- Graduate program IKS – Pr Marc LEFRANC



ADSL



- Agreement for PhD registration in co-accredited institution (CLille, ULille, IMT, Univ Eiffel)
 - Documents needed for an application to doctoral studies (transcripts of records, motivation,...)
 - Funding (proof of funding for the PhD duration)
 - Supporting letter from the proposed supervisor and agreement of the laboratory director
 - Terms and conditions of the thesis
- Agreement for the joint supervision and awarding of a double doctoral degree (co-tutelle)

ENGSYS Graduate School – Main missions (2/3)

- ➔ **Organization of Individual Monitoring Committee (CSI)** (*mandatory each year before registration according to the new doctoral rules*)

CSI ensures that the thesis runs smoothly

- ➔ **Doctoral trainings (in collaboration with Doctoral College)**

- ➔ **Practical information throughout your thesis**

- ➔ **Agreement for the PhD defense**

Number of required credits

PhD committee and reviewers

Reports by reviewers before defence

Advice

- Read your thesis charter
- Read again the terms and conditions of your thesis define in the CIF
(*Convention individuelle de formation* – Individual convention agreement)
– *This document can be updated each year*

ENGYSYS Graduate School – Not responsible for:

- PhD annual registration (fees) in your institution (CLille, ULille, IMT, Univ G. Eiffel)

Register at your **institution**

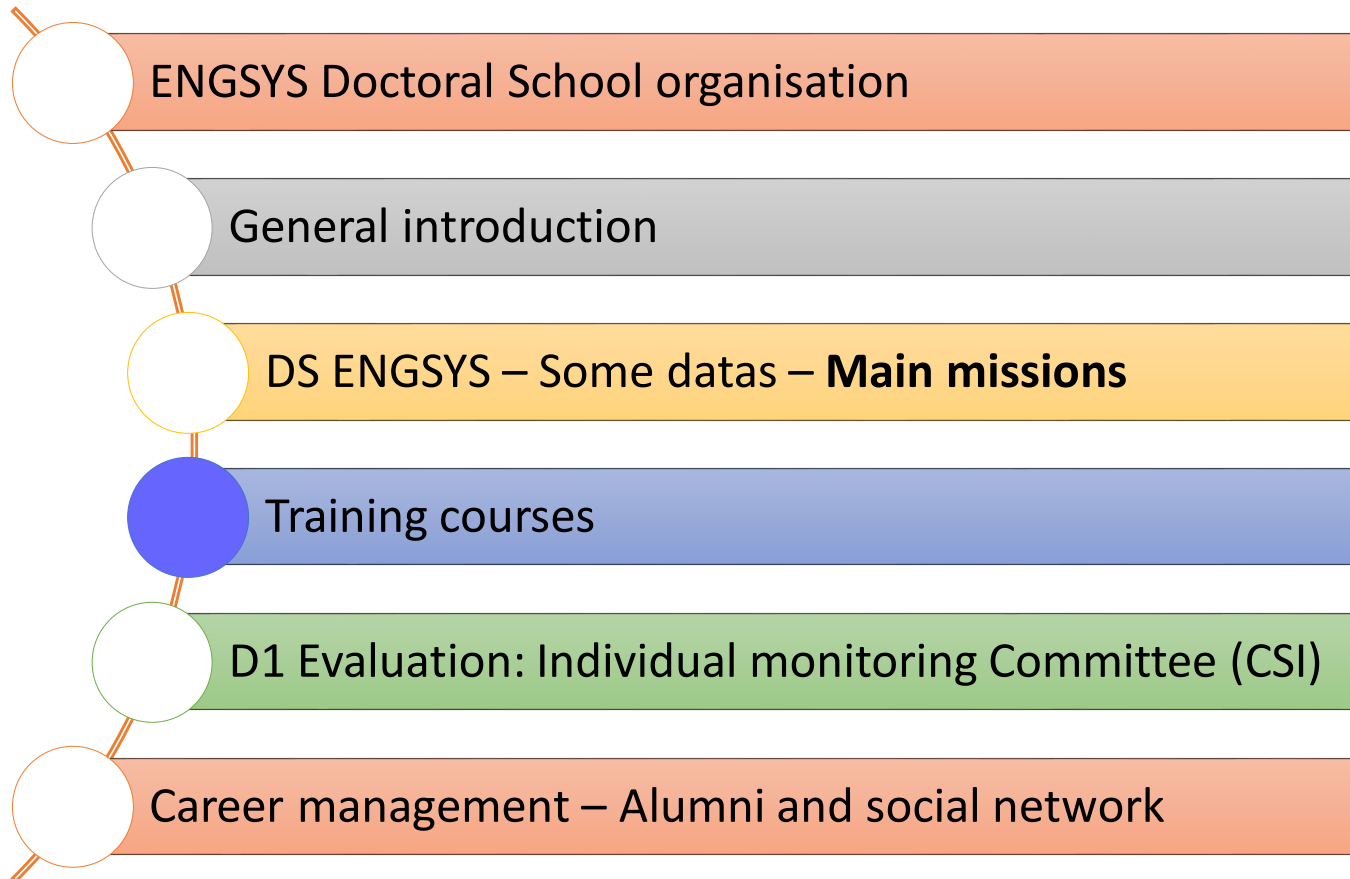
Pay the registration fees and obtain your student card.

(Your responsibility)



- Mobility grants for participation to doctoral trainings or conferences
- Registration fees for MOOC
- Organisation of the PhD defence
- Delivery of the doctoral diploma.

D1 StartDoc meeting - Outline



- Graduate program IKS – Pr Marc LEFRANC



ADSL



ENGYSYS Graduate School – Training courses

Manage under ADUM

You must have an ADUM account number !!

The screenshot shows the ADUM (Administrative Doctoral University Management) portal interface. At the top, there is a navigation bar with a profile picture placeholder, a 'Logout' button, and links for 'Private space', 'My profile', 'My career', and 'Questions'. A search bar with the placeholder text 'Rechercher...' is also present. Below the navigation bar, there is a section titled 'ACTUALITÉS' (News) featuring three banners: 'PHD WELCOME', 'STARTDOC 2019', and 'Formation pour les doctorants BSL'. A legend indicates the status of items: 'Validated' (green checkmark), 'Ongoing' (yellow exclamation mark), and 'To be done' (pink circle with a dot). The main content area is divided into three columns. The left column contains a sidebar with links: 'Contact information', 'Display management', 'Competencies and portfolio', 'Individual training contract', 'Professional situation', and 'Publications'. The middle column, titled 'My profile', lists several items: 'Enrollment 2019-2020, Institution: dossier received complet', 'Enrollment 2019-2020, Doctoral School: dossier received complet', 'Online Display', 'I want to change my password', 'Upload my CV', 'MY PHOTO - Upload my photo', and two links to 'See the Individual training contract written in 2018' and '2019'. The right column, titled 'Trainings', lists 'Training modules Catalogue', 'Statement of the undergone training modules', 'Training module', and 'External training modules'. Below this, the 'Administrative documents' section states: 'Documents must be printed in portrait format. All documents and information required to follow the educational and administrative procedures for enrollment/re-enrollment must be downloaded below. The documents that require signatures must be signed and, when complete, they must be given to your Doctoral School, along with the additional documents required, for processing your dossier.'

Private space My profile My career Questions

Logout

Rechercher...

ACTUALITÉS

PHD WELCOME

STARTDOC 2019

Formation pour les doctorants BSL

Validated Ongoing To be done

Contact information

Display management

Competencies and portfolio

Individual training contract

Professional situation

Publications

My profile

- Enrollment 2019-2020, Institution: dossier received complet
- Enrollment 2019-2020, Doctoral School: dossier received complet
- Online Display
- I want to change my password
- Upload my CV
- MY PHOTO - Upload my photo
- See the Individual training contract written in 2018
- See the Individual training contract written in 2019

Procedures

Trainings

- Training modules Catalogue
- Statement of the undergone training modules
- Training module
- External training modules

Administrative documents

Documents must be printed in portrait format.

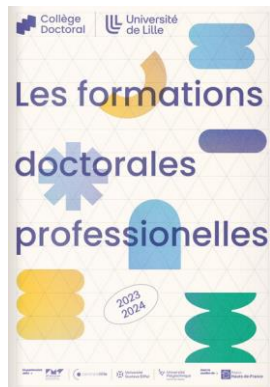
All documents and information required to follow the educational and administrative procedures for enrollment/re-enrollment must be downloaded below. The documents that require signatures must be signed and, when complete, they must be given to your Doctoral School, along with the additional documents required, for processing your dossier.

Comments on training courses – organization

Trainings are organized by

- Doctoral college (interdisciplinary – Open to all GS)
Catalogue 2023-2024 available on ADUM
- Graduate School (ENGYSYS – MADIS – SMRE) (EN)
(disciplinary and additional interdisciplinary (EN))
- Others partners (Graduate Programs IKS, IA program, ...)
- Master's courses

Training courses – Doctoral college



Training courses – RNCP qualification

Improving your skills to meet the requirements of a function of PhD (France rule – RNCP organisation)

RNCP: **R**épertoire **N**ational des **C**ertifications **P**rofessionnelles

In France: Difference between RNCP qualification and diploma

The diploma attests to a particular level and course of study, whether at school or university.

The **RNCP** title is mainly linked to a specific function. For example, the title of **engineer** or psychologist / **PhD**.

In France: PhD diploma regarding companies

6 blocks of skills: **(in addition to scientific skills)**

- 1) Design and development of a research and development, studies and foresight approach [RNCP31437BC01]
- 2) Implementation of a research and development, studies and foresight approach [RNCP31437BC02]
- 3) Valorisation and transfer of the results of an R & D, studies and foresight [RNCP31437BC03]
- 4) International scientific and technological watch [RNCP31437BC04]
- 5) Training and dissemination of scientific and technical culture [RNCP31437BC05]
- 6) Management of teams dedicated to research and development, studies and foresight [RNCP31437BC06].

Training courses in your ADUM account

[Espace personnel](#)[Mon profil](#)[Offres d'emploi](#)[Fiches pratiques](#)[Questions](#)[Catalogue](#)[Catalogue compétences RNCP](#)[Formations en cours](#)[Ajouter une formation](#)

Catalogue des formations proposées affichées par bloc de compétences RNCP :

[Bloc 1](#)[Bloc 2](#)[Bloc 3](#)[Bloc 4](#)[Bloc 5](#)[Bloc 6](#)[Compétences sociales](#)

Conception et élaboration d'une démarche de recherche et développement, d'études et prospective

[Catalogue](#)[Catalogue compétences RNCP](#)[Formations en cours](#)[Ajouter une formation
'hors catalogue'](#)[Ma situation](#)[Démarche d'auto-évaluation de
compétences](#)

Explications déposées par votre Établissement :

Démarche d'auto-évaluation des compétences pour les doctorants

Cet outil va vous accompagner tout au long de votre doctorat et après.

Objectif :

- Identifier et optimiser vos compétences et capacités pour vous permettre de valoriser l'expérience professionnelle qu'est le doctorat.
- Identifier clairement votre projet professionnel
- Identifier les formations et actions nécessaires pour atteindre vos objectifs
- Permettre de vous fixer des objectifs de travail accessibles permettant d'entretenir votre motivation

Les étapes de construction de l'auto-évaluation permettent de mettre en évidence les processus mis en jeu pour accéder aux compétences identifiées.

Cet outil va permettre une auto-évaluation de votre degré d'acquisition de la compétence, en visualisant, comparant et contextualisant vos compétences.

Il est important de vous positionner dans une démarche dynamique.

[S'auto-évaluer](#)[Voir la synthèse](#)

Evaluation during the CSI

New

Novelty :

Possibility to increase your disciplinary skills with some courses of masters degree open to the PhDs students

See open courses and modalities on the website and ADUM

If you are following a master course in your field now,

- Fill the sign-in sheet with the professor in charge of the course and submit it on ADUM as external training

External Training courses

Declaration of **external training course** with ADUM

- **Add an external training module**
 - Master class, MOOC, summer or thematic school, Member of organization committee of conferences...
 - Give the title- category – university and city – topic
 - Add a PDF file with attendance certificate and detailed training program, so that ENGSYS can give credits (**1 CFD/ 2 hours**)
- **Not validated as external training**
 - Paper presentation at conference, workshop
 - Teaching

- The number of credits (CFD) to be collected depends on the PhD type:
 - **60 CFD** including at least 20 CFD on professional training for a full time PhD student
 - **30 CFD** in three training areas for a PhD student with a joint supervision between two institutions of different countries (co-agreement or cotutelle)
 - **40 CFD** distributed in the area of thematic training and research methodology for CIFRE PhD Student
- **One course about ethics** must be followed

Calculation rule
2 hours -> at least 1 CFD.

Comments on trainings courses

When you register for a course, make sure you are available

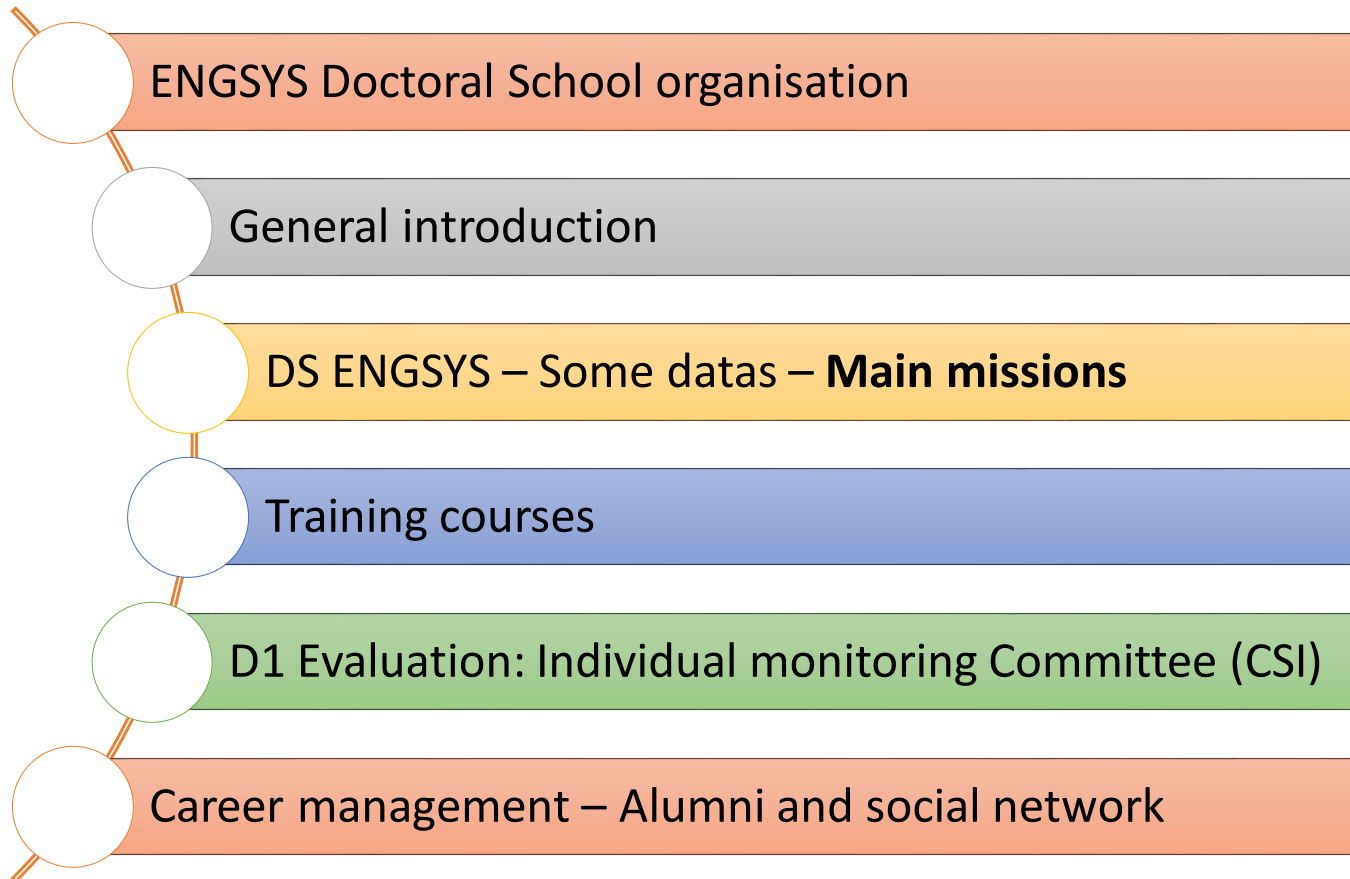
GS ENGSYS does not partially validate training credits – No negotiation

Credits are allocated only after evaluation of the training by each PhD student

Training programs are costly

Trainers come from far away – it would be a shame if they didn't have anyone in front of them.

D1 StartDoc meeting - Outline



- Graduate program IKS – Pr Marc LEFRANC



ADSL



D1 Individual monitoring Committee: Review meeting

CSI review meeting includes :

- **Presentation in 20 mn + questions.**
- **Meeting between members of CSI and the supervisor (and co-supervisors).**
- **Discussion between members of CSI (without the PhD supervision) and the PhD student.**
- **At the end of the meeting, a collective report will be written under the authority of the CSI chairman. This report is sent to the DED by email to be posted in your ADUM account.**

D1 Individual monitoring Committee: Manuscript

- The PhD student provides a manuscript on its work, two weeks before the meeting to all members of the CSI.
 - **This manuscript will include a minimum of 7 pages :**
 - Brief description of the thesis subject and its goals (min 1/2 page);
 - Main bibliographical references - state of the art (min 1 page);
 - Progress work in accordance with goals and key results (min 3 pages). A statement of policy regarding results dissemination in terms of publications and software production;
 - Roadmap for the next two years with the expected contributions and a schedule, (min 2 pages);
 - Doctoral Training modules achieved;
 - Professional project.
- <https://edengsys.univ-lille.fr/pendant-le-doctorat/comite-de-suivi-individuel-csi>

D1 Individual monitoring Committee: Evaluation

Membres du Comité de Suivi Individuel:

Prénom, Nom, Titre	Mail	Unité de Recherche, Affiliation	A	B	C

A: Membre spécialiste, **B:** Membre non spécialiste, **C:** Membre extérieur

Evaluation des formations et compétences

Nombre de Crédits de Formations Doctorales (CFD) validés dans ADUM:

Le ou la doctorant(e) a-t-il(elle) suivi:	oui	Non
Une formation obligatoire à l'éthique de la recherche et à l'intégrité scientifique		
Une formation aux enjeux de la science ouverte et à la médiation scientifique		
Une formation aux enjeux du développement durable		
Une sensibilisation au portfolio de compétences est-elle entamée? (Préparation du projet professionnel – voir onglet "Compétence et portfolio" dans le compte ADUM)		
Commentaire du/de la doctorant(e) sur la formation doctorale:		

https://edengsys.univ-lille.fr/fileadmin/user_upload/edengsys/Proposition_rapport_CSI_ENGSYS_D1_2023_V2.pdf

Open source – Document in your ADUM account



- Follow the rules of your institution
- Follow the rule of your Lab



Fiches pratiques

Textes de référence

La thèse

Formations

Financement

Science ouverte

RNCP

Emploi

Science ouverte

› ***Le Passeport pour la science ouverte - Guide pratique à l'usage des doctorantes et des doctorants***

Un guide à destination des doctorants, coordonné par le CoSo (Comité pour la Science Ouverte) et l'Université de Lille, sous la direction du MESRI.
Existe aussi en anglais : <https://www.ouvrirelascience.fr/passport-for-open-science-a-practical-guide-for-phd-students/>.

› ***Former à la science ouverte tout au long de la thèse***

Un guide à destination des écoles doctorales, pour construire une offre de formation promouvant la science ouverte, également coordonné par le CoSo, sous la direction du MESRI.

› ***"Coup de toner sur la science ouverte"***

Une mini-série à destination des doctorants et des chercheurs (jeunes ou moins jeunes) produite par le SCD de l'Université Toulouse-Capitole et le Consortium Couperin, en partenariat avec l'Urfist Occitanie.

› Parution, en juillet 2021, du ***2^e Plan national pour la Science Ouverte 2021-2024***.

› ***Adoption, par l'Unesco, en novembre 2021, d'une Recommandation sur la Science Ouverte***

› Le MESRI a publié sa ***Feuille de route 2021-2024 sur la politique des données, des algorithmes et des codes sources***, qui évoque notamment la gestion des données de la recherche.

Sustainable development - How useful is/having a PhD ?

It's useful now as it's ever been

Needs of young women and men with high skills to get out of the current issues



Competition: Video capsule <= 1mn - 2mn (deadline: December 17th, 12H)

Communication on the relation between your thesis topic and sustainable development

How useful having a PhD today?

It is more necessary than ever to train young people

On a absolument besoin que beaucoup de jeunes fassent de la science.

On ne se sortira pas des problèmes actuels si on n'a pas des jeunes gens et jeunes filles qui s'engagent dans cette voie



Alain Aspect – *Nobel prize of Physics 2022*

We definitely need a lot of young people doing science.



We will not get out of the current problems if we do not have young men and women who are committed to this path

D1 Individual monitoring Committee: Evaluation

Evaluation du CSI

	A	B	C	D	Commentaires
Maîtrise sujet de thèse					
Etat d'avancement des travaux					
Politique de valorisation des résultats					
Identification des pistes de recherche					
Suivi de la formation doctorale					
Construction du projet professionnel					
Qualité rapport écrit et présentation orale					

A : Très satisfaisant B : Satisfaisant C : A améliorer D : A conforter

Avis et recommandations du comité de suivi individuel

Bref avis sur l'avancement des travaux de thèse	-
Bref avis sur les conditions du déroulement de la thèse:	-
Point forts:	-
Points d'amélioration	-
Recommandations pour la suite du doctorat	
Le comité de suivi signale des points de vigilance particuliers	
Avis du comité de suivi sur la réinscription en doctorat	<input type="radio"/> Favorable <input type="radio"/> Réservé <input type="radio"/> Défavorable

D1 Individual monitoring Committee: Important dates

Planning 2024

- **CSI planning before June 15 th, 2024.**
- **CSI manuscript has to be sent 15 days before the meeting.**
- **CSI meeting before September 15th, 2024.**

For the majority of CSI, everything is going very well

Take this opportunity to mention any problems before they become critical

(DEDs – Doctoral School) – (During the face-to-face meeting with the jury)

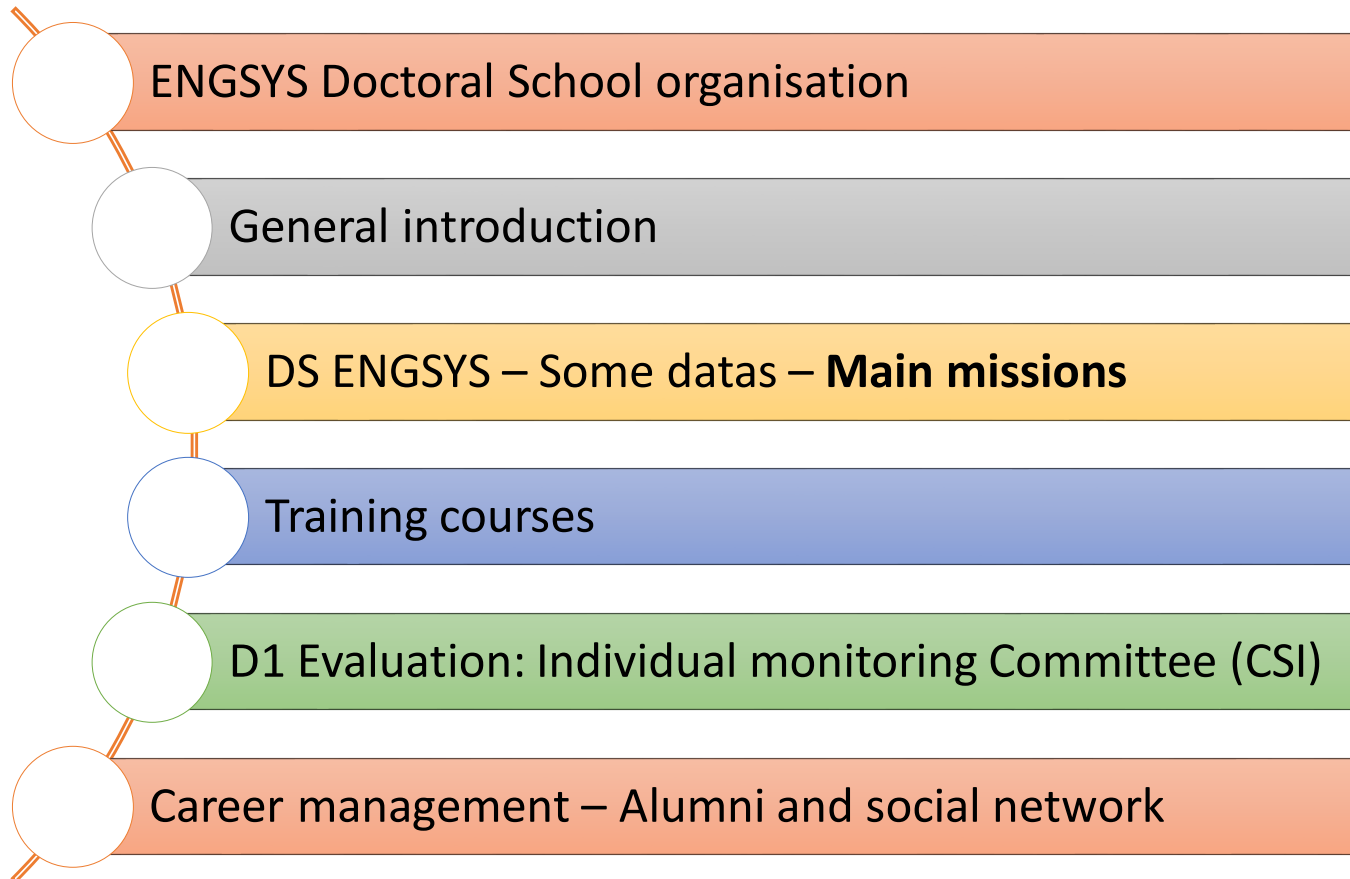
Some confidential information are transmitted only to the director of doctoral school

Our mission in mediation is to protect you (your rights).

Confidential contact if needed:

<https://edengsys.univ-lille.fr/news/maison-de-la-mediation-a-luniversite-de-lille>

D1 StartDoc meeting - Outline



- Graduate program IKS – Pr Marc LEFRANC



ADSL



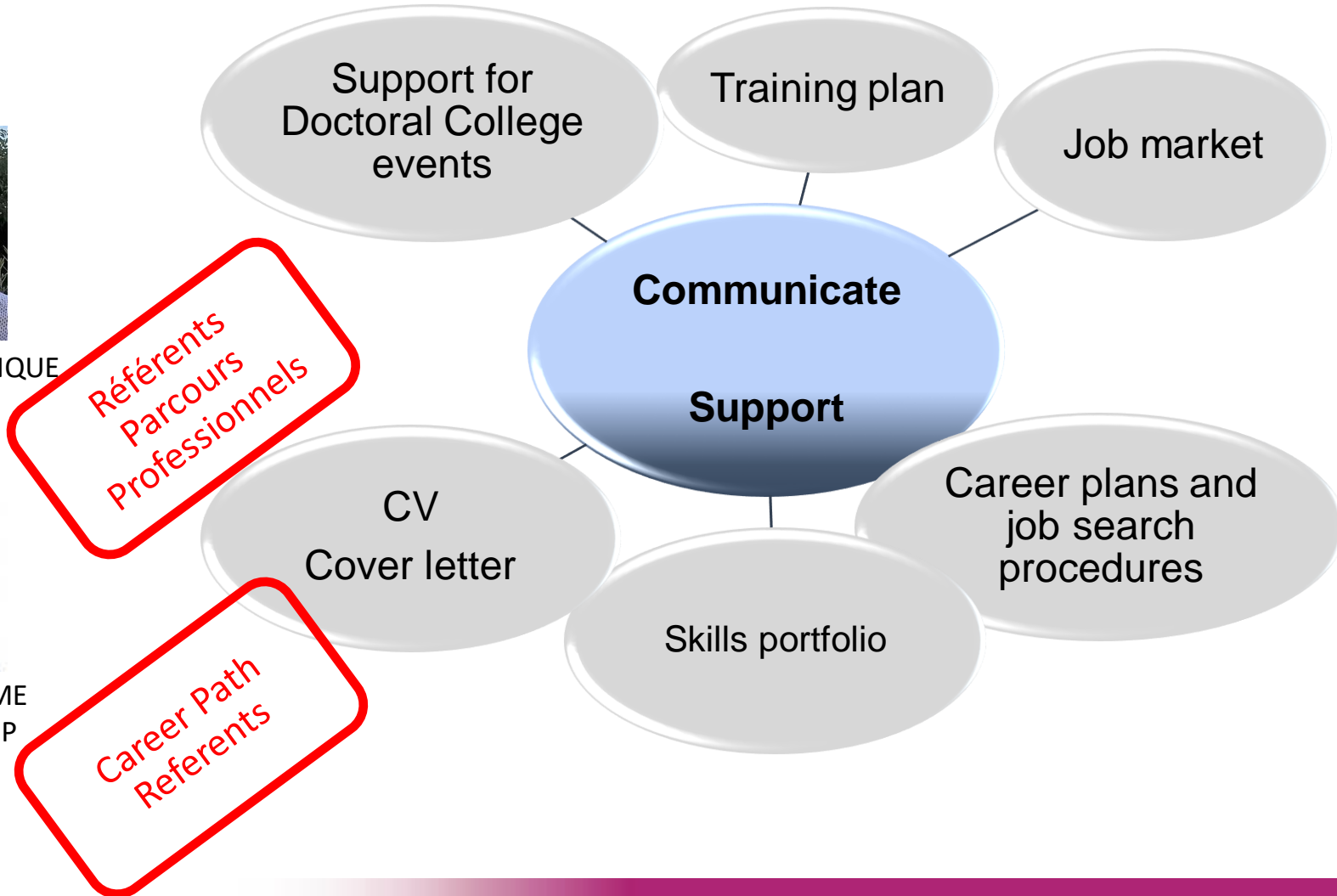
What to do after the thesis ?



Ludovic DESPLANQUE
MCF, IEMN



Walter LHOMME
MCF HdR, L2EP



ENGYSYS PhD professional careers - Alumni

Today, we have a good feedback on the position of the ENGYSYS PhD in companies

This is possible only if they have an updated LinkedIn account

REDOC SPI analysis

We will stay in contact with you during your professional career

ENGYSYS PhD professional careers - Alumni

Create your LinkedIn account



You can mention

- your doctoral school
- Your institution
- Your Lab

Portfolio

Skills

Optional: Funding (Regional support, CIFRE, doctoral contract, ...)

REDOC SPI

Become a member of

SPI-ENGYSYS-MADIS-Lille-PhD/Docteurs/Doctorants

We will stay in contact with you during your professional career

ENJOY YOUR PHD