

A decorative graphic consisting of three circles (two green, one grey) and a vertical line to their right.

# ELIPSS : A practice driven application development

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ESRA 2017

Tuesday, 18<sup>th</sup> of July, Lisbon



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- I. What is the CDSP & ELIPSS ?
- II. Panel Management System (PMS)
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# Centre de données socio-politiques

- Socio-political data center (CDSP)
- Created in 2006
- Offers services around social science data
- Coordinates and participates (ELIPSS, BeQuali...)

# What is ELIPSS ?

- Étude Longitudinale par Internet pour les Sciences Sociales
- Probability-based online panel
- Pilot study 2012-2016 : 1039 panel members
- Monthly questionnaires designed by researchers
- Device and internet access provided to each panel member





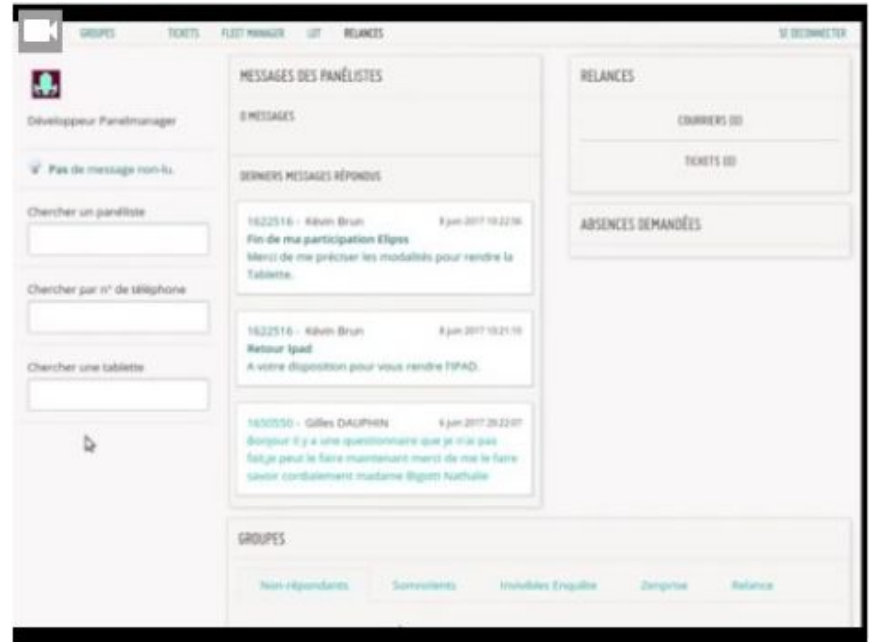
# Panel Management System (PMS)

- Tailor made by our IT team
- Contribution of the panel management team
- Multiple function :
  - Keep contact
  - Manage the fleet
  - Handle the incidents (tickets)
  - Follow up the non respondents



# Panel Management System (PMS)

- Find a panelist :
  - by his first name and name
  - by his ELIPSS ID
  - by his phone number
  - by his email



# Panel Management System (PMS)

- Quick view of the panel member (ID Card)
- Contact info
- Panel member situation  
(response rate for ex)
- Tablet and line data

ELODIE PETORIN\_STAFF2 - 9999216

MATÉRIEL ÉDITER DÉSACTIVER CHANGER MDP

**Données générales**

Date naiss. 19 octobre 1983 - 33 ans

Sexe Femme

Address Chemin des Hirondelles  
17000, LA ROCHELLE

**Coordonnées**

Tél. fixe 01 45 49 59 59

Mobile 07 62 01 68 85

Tél. pro N.D.

Courriel N.D.

Convention 1 janvier 1970

Période préférée N.D.

Groupes	invi-enquête
Tx rép	0/6 (0%)
Dern enq	Aucune
Coord	Oui
Tickets	0 / 1
Relance	RO ▶
IMEI	354438070050137
Identifiant Xenmobile	s0007
ZP	14 Juin 2017
Tél. tablette	0762016885
Jours d'absences	0
Femto	Non
Lot n°	92

**HISTORIQUE**

16/03/2016 en cours.. Utilisable 354438070050137 s0007 CDSP

# Group and tickets

- Ticket creation
- Tickets to follow the incidents
- Several groups of non respondents
- Follow-up by phone or emails

The screenshot displays the EIPSS software interface for a user profile. The user is identified as 'ROMAIN MOUGIN\_STAFF2 - 9999225'. The interface includes a navigation bar at the top with tabs for 'GENERAL', 'GROUPS', 'TICKETS', 'FLEET MANAGER', 'LIT', and 'RELANCES'. The main content area is divided into several sections:

- Données générales:** Includes fields for 'Date nais.' (3 janvier 1976 - 47 ans), 'Sexe' (FEMME), 'Address' (84 rue de Grenelle 75007 PARIS), 'Tél. fixe' (01 45 49 59 50), 'Mobile' (N/D), 'Tél. pro' (N/D), and 'Courriel' (romain.mougin@ciensipss.fr).
- Coordonnées:** A section for contact information.
- Tableaux:** Two summary tables are visible:
 

Groupes	invi-enquête
Tx rep.	1/6 (16%)
Dern enq.	8 jul. 2016
Casier	Ouv
Tickets	0 / 0
Relance	00

Identifiant Removable	s0006
ZIP	06 Avr 2017
Tél. tablette	0762066385
Jours d'absences	0
Ferme	Non
- Casier:** A dropdown menu is open, showing options: 'Laber', 'Autre', 'Changement', 'Caractéristique', 'Caractéristique', 'Enquêtes', 'Exclusion', 'Ferme mail', 'Identif. possible', 'Intégration parentif', 'Logiciel', 'Matière', 'Dessin', 'Planif. 1 seul', 'Planification tablette', 'Planif. avec parentif', 'Suppression', 'Sans Planif', and 'Mati'.

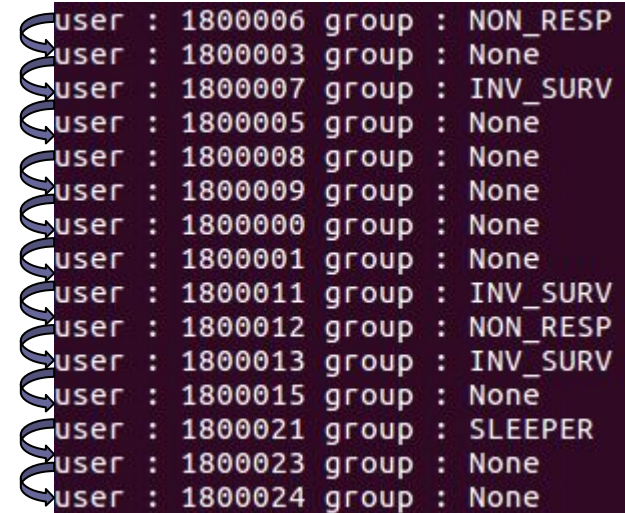




# How is it working ?



- Nightly CRON script
- Routine calculations
- With a hint of instant update  
(group change when a panelist completes  
a survey)



```
user : 1800006 group : NON_RESP
user : 1800003 group : None
user : 1800007 group : INV_SURV
user : 1800005 group : None
user : 1800008 group : None
user : 1800009 group : None
user : 1800000 group : None
user : 1800001 group : None
user : 1800011 group : INV_SURV
user : 1800012 group : NON_RESP
user : 1800013 group : INV_SURV
user : 1800015 group : None
user : 1800021 group : SLEEPER
user : 1800023 group : None
user : 1800024 group : None
```

## Extension of the panel

- 2500 panelists recruited in 2016
- More calls to do and letters to send
- More tablets and more incidents (tickets) to manage
- New range of tools



# Sleeper's group and follow-up call

- Sleeper's group
- Massive follow-up call
- Necessity to see the follow-up outcome on the panelist page

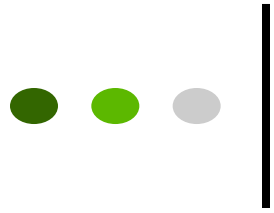
The screenshot displays a web application interface for a panelist management system. The top navigation bar includes 'GÉNÉRAL', 'GROUPES', 'TICKETS', 'FLEET MANAGER', 'LOT', 'RELANCES', and 'SE DÉCONNECTER'. The main content area is divided into two sections: '( 312 ) SLEEPER À APPELER' and '( 1 ) SLEEPER APPELÉS'. The active section shows a list of panelists, with the first entry selected: '7 - Marc, Tamalt'. The detailed view for this panelist includes a profile picture of 'Elodie Pétorin', a notification 'Pas de message non-lu.', and search fields for 'Chercher un paneliste', 'Chercher par n° de téléphone', and 'Chercher une tablette'. The 'Coordonnées' section lists: 'Tél fixe: 92.91.31.51.32', 'Mobile: 81.28.48.46.78', 'Tél. Pro: N/D', 'Gender: female', and 'Tickets: 0/2'. An 'Issue:' dropdown menu and a 'Commentaire:' text area are also present, along with an 'ENREGISTRER' button. Below the detailed view, a list of other panelists is visible: '8 - Mouna, BIGOTTE', '26 - Sandy, DURAND', '42 - Anne-Catherine, ROBERVAL', and '54 - Olivier, MARLIOT'. A video player interface is visible at the bottom of the screenshot, showing a play button, a volume icon, and a progress bar at '0:02 / 0:26'.

# Follow up interface

The screenshot displays the 'Follow up interface' within the EIPSS system. The interface is divided into several sections:

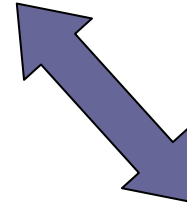
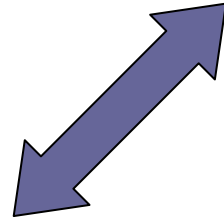
- Navigation Bar:** Located at the top, it includes tabs for 'GÉNÉRAL', 'GROUPES', 'TICKETS', 'FLEET MANAGER', 'LOT', and 'RELANCES'. A 'SE DECONNECTER' link is positioned on the far right.
- User Profile:** On the left, it shows the user's name 'Charlotte Montcharmont' and a notification: 'Pas de message non-lu.' (No unread messages).
- Search Filters:** Three search boxes are provided on the left sidebar:
  - 'Chercher un panéliste' (Search a panelist)
  - 'Chercher par n° de téléphone' (Search by phone number)
  - 'Chercher une tablette' (Search a tablet)
- Call List:** The main area displays a list of calls. At the top, it indicates '( 91 ) SLEEPER À APPELER' (91 sleepers to be called) and '( 8 ) SLEEPER APPELÉS' (8 sleepers called). The list contains the following entries:
  - 136 - Dominique, Williard
  - 142 - Bettina, Glarey
  - 193 - Robin, Chevalier
  - 253 - André, Billaut
  - 277 - Therese, PAGERIE
  - 299 - BERNARD, Manier
  - 503 - Nelly, Aleberteau
  - 594 - Michel, COURAULT

The interface is shown within a video player window, with a progress bar at the bottom indicating 0:00 / 0:18.



Server

Web Page 1



Web Page 2

GÉNÉRAL GROUPE TICKETS FLEET MANAGER LOT RELANCES SE DECONNECTER

(340) SLEEPER À APPELER (12) SLEEPER APPELÉS

Développeur Panelmanager

Pas de message non-lu.

Chercher un panéliste

Chercher par n° de téléphone

Chercher une tablette

2 - Estelle, DUCHESNE

7 - Orane, Steinlen

Info Panelmanager

Coordonnées

Tél. fixe	30 . 60 . 33 . 74 . 47
Mobile	27 . 18 . 47 . 51 . 34
Tél. Pro	N.D
Gender	female
Tickets	0/2

Issue :

Commentaire :

ENREGISTRER

8 - Roland, Arnould

GÉNÉRAL GROUPE TICKETS FLEET MANAGER LOT RELANCES SE DECONNECTER

(120) SLEEPER À APPELER (12) SLEEPER APPELÉS

Développeur Panelmanager

Pas de message non-lu.

Chercher un panéliste

Chercher par n° de téléphone

Chercher une tablette

2 - Estelle, DUCHESNE

7 - Orane, Steinlen

Info Panelmanager

8 - Roland, Arnould

26 - EUGENIE, MOLINAS

40 - Sylvie, Velay

42 - Caroline, Harnols

54 - LAURENT, Vernaz-Lamart

# Technologies & methodology used

- Django (python)
- Javascript (Vanilla & JQuery)
- Tornado (websocket)
- Iterative development, agile inspired



# Current development

## Letter reminder

- Send letter within PMS
- Print custom letter



## Android Push Notification

- Send notification automatically





# Thank you for your attention!

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*alexandre.chevallier@sciencespo.fr*  
*charlotte.montcharmout@sciencespo.fr*