**« How to identify activity indicators and goal indicators»**

**What doctoral students say:** *« Thinking about indicators allows you to dig deeper and set more precise objectives. » ; « Helps to have a clear vision of the different points surrounding an aim. » (French translation)*

**When:** This document should accompany you from the beginning of the thesis. You can come back to it every six months or after each experimentation.

**Why:** It allows you to work on the creation of the objective indicators, to deepen the measures that will be taken during the data production, to refine the experimental protocol, to follow the activity and the research process.

**Input for thesis writing:** Report on the work done during the thesis and see if the objectives are achieved.

Prerequisite: Indicators are SMART: Specific, Measurable, Acceptable, Realistic, Time-bound. It is necessary to limit the number of indicators, because the difficulty is not to create them but to follow them in time ...

**Activity indicators**

*Beforehand, activity indicators report on what you will do and what you will produce.*

* What are the indicators (number, ratio, ...) that you are going to set up? *(example: number of relevant references read, number of users in the experiments, ...)*
* What are you going to produce during your thesis? *(example: deliverables, experimental protocols, data, tool, model, ...)*?

**Goal indicators**

*The goal indicators correspond to the aim that the researcher wishes to achieve. They are defined a priori and are measured during the experimental phases. (example: number of users >100, satisfaction score >8, ... )*

* What are the goal indicators that will allow you to know whether your work is satisfactory and can be communicated?
* In other words, what are the elements that will allow you to say that you have achieved your aim?

* What are the *a priori* values that you set for these goal indicators?
* What measurements will you make *in situ* or in the laboratory to calculate these goal indicators? *(practices, satisfaction, performance, etc.)*.