



# User Guide



Every  
Prediction  
Matters

[www.cehtra.com/prism](http://www.cehtra.com/prism)





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# Introduction:

CEHTRA's core business is the assessment and prevention of risks to humans and the environment from natural or chemical substances and products.

In order to better anticipate the regulatory evolution that reflects the dynamics of interaction between the society and the scientific community, CEHTRA launches PRISM, a collective intelligence platform. By participating, even if you are not an expert, you help the regulatory community to better forecast changes, to better decide and to innovate more!

## 1. Login:

Access PRISM homepage:

<https://dev.hypermind.com/prism/en/auth/login.html>

Login (1) or create an account (2).

PRISM

Achieving Sustainability Together!

Platform for Regulatory Intelligence, Supercollective, Multisectors

UK FR

login

- of -

register (2)

Contact

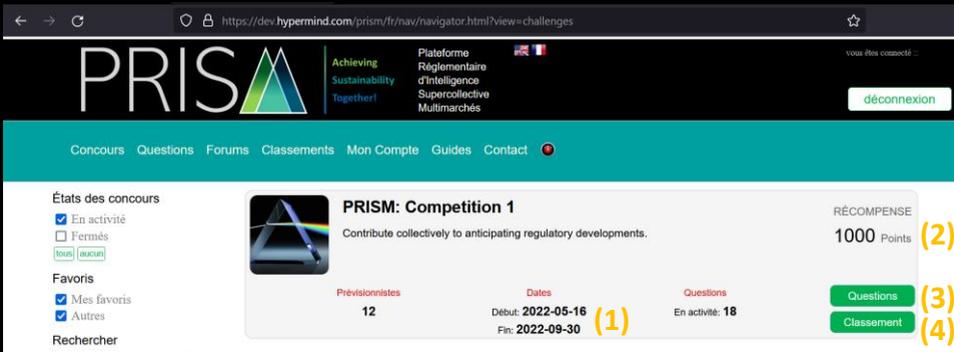
Please login:

Screen Name or Email

Password

Submit (1)

## 2. Participate in a contest



The screenshot shows the PRISM website interface. At the top, there is a navigation bar with the PRISM logo and the tagline 'Achieving Sustainability Together!'. Below the navigation bar, there is a teal header with links for 'Concours', 'Questions', 'Forums', 'Classements', 'Mon Compte', 'Guides', and 'Contact'. The main content area features a contest card for 'PRISM: Competition 1'. The card includes a description: 'Contribute collectively to anticipating regulatory developments.' and a reward of '1000 Points (2)'. It also displays the number of participants as '12', the start date as '2022-05-16 (1)', and the end date as '2022-09-30 (1)'. There are two buttons: 'Questions (3)' and 'Classement (4)'. On the left side of the contest card, there are filters for 'États des concours' (En activité, Fermés) and 'Favoris' (Mes favoris, Autres).

The open contests are presented directly on your homepage.

You can quickly see the duration of the contest (1) as well as the reward (2) to win. You always have two possibilities per contest, to access the questions (3) or the ranking (4).

## 3. How to forecast?

To be able to forecast, you just have to click on the button “Forecast this” (1).

There are two types of questions, short-term questions and long-term questions.



☆ When will the inclusion of the classification of endocrine disruptors in the CLP Regulation be published in the Official Journal? (1)

Forecast This



1 forecasters

Start: 2022-05-16

End: 2022-09-16

[Leaderboard](#)

Crowd Forecast

2nd quarter 2022	0.0%
3rd quarter 2022	0.0%
4th quarter 2022	0.0%
Not before 2023	100.0%

## a. Short-term questions

For short-term questions, you must define the probability of each answer based solely on your opinion.

☆ When will the inclusion of the classification of endocrine disruptors in the CLP Regulation be published in the Official Journal?

The screenshot shows a forecasting interface for the same question as above. On the left, there are four horizontal progress bars representing different time periods, each with a 25% probability assigned to it. On the right, there is a forum section with the title 'forum' and a text input area for adding a post. At the bottom right of the forum section are 'Submit' and 'Cancel' buttons.

## b. Long-term questions:

For long-term questions, we use the **Bayesian truth serum** system. It is based on the statistical fact that the better informed you are, the more likely it is that your opinion is more widely held than others think. An informed and truthful opinion is also, more often than not, a surprisingly common opinion.

Your best strategy for getting a high score is to reveal what you think is true.

## Learn more about Bayesian truth serum

### For multiple response questions:

You are asked to provide, for each possible outcome, **your personal probability** and **your prediction of the crowd's probability**. You can do this in two ways:

(1) You can click and drag the bars for each outcome. (2) You can type numbers directly in the input boxes. (The numbers must be between 0 and 100.)

You can lock or unlock individual outcome probabilities at any time by clicking on the padlock icons. Because the total probability must always add up to 100%, the software automatically adjusts the probabilities on the unlocked outcomes as you enter your forecast.

When a probability is locked, you can still change it directly, but changes made to probabilities on other outcomes will no longer adjust it automatically. Once you enter a probability for an outcome, it becomes locked against automatic adjustment and will no longer change as you edit the probabilities on other outcomes.



Outcome	Personal Forecast (%)	Forecast of Others (%)
Yes	70	55
No	30	45

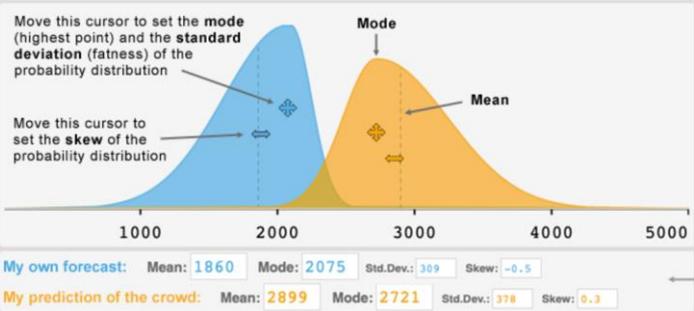
### For continuous response questions:

Move this cursor to set the **mode** (highest point) and the **standard deviation** (fatness) of the probability distribution. Move this cursor to set the **skew** of the probability distribution.

You are asked to provide:

- Your forecast of the target variable
- Your prediction of what the crowd forecast will be

You can set your forecast and prediction by moving the cursors, or by entering specific values in the input boxes.



Forecast	Mean	Mode	Std.Dev.	Skew
My own forecast	1860	2075	309	-0.5
My prediction of the crowd	2899	2721	378	0.3

### c. Open questions: ideational questions

For open questions, just put the answer "yes" to 99% and leave your idea as a comment to share it with everyone (1).

The screenshot shows a forecast interface for the question "Can digitization optimize the work of a regulatory department?". The "Yes" forecast is at 99% and the "Nope" forecast is at 1%. There is a "forum" section with a text input field and a checkbox labeled "publish forecast and rationale to forum". The interface also includes a "MY FORECAST" section with tabs for "More Info", "My Notes", "My Alarms", and "My Forecast". The date range is "2022-06-02" to "2022-09-30".

### d. Updates to your forecast

You can update your forecast as often as required. The best forecasters often revise their forecasts to reflect their most current understanding of each issue.

It is advisable to review your forecast regularly and update it whenever new information becomes available or when assumptions underlying your forecast are confirmed or disproved.

You may update a forecast several times in a single day, but only your most recent forecast will be noted for that day, or rolled over to the next day, if necessary.

## e. Additional information

Below each question, you can find additional information to help you in your choice.

In the “News” tab **(1)**, you will find recent information on the subject of the question.

You can also look at the collective forecast with comments from other forecasters **(2)**.

Another useful feature is that you can find your notes **(3)**.

The screenshot displays the PRIS platform interface. At the top left is the PRIS logo with the tagline "Every Prediction Matters" and "Platform for Regulatory Intelligence, Supercollective, Multisectors". A navigation bar includes links for "Concours", "Questions", "Forums", "Leaderboards", "My Account", "Guides", and "Contact". A user is logged in, as indicated by "you are connected" and a "logout" button.

The main content area features a question: "On 1 January 2023, how many active substances of natural origin can be used in Europe for phytosanitary use as an alternative to glyphosate?". Below the question is a forecast form with radio buttons for "any", "1 or 2", "between 3 and 5", and "more than 5". A "Make a Forecast" button is highlighted with a red box and labeled **(2)**. A "News" tab in the bottom navigation bar is highlighted with a red box and labeled **(1)**. A "My Notes" tab is also highlighted with a red box and labeled **(3)**. A "forum" section on the right shows a "Add a post" form and a "diaroy" post with a bar chart showing forecast results: none (0.53%), between 1 and 5 (88.54%), between 5 and 10 (5.45%), and more than 10 (5.48%).



## 4. Calculation of scores

In a contest, a forecaster's performance is the sum of the positive or negative points accumulated in each question of the contest. The points earned by a forecaster in the different questions of the same contest are cumulated to calculate his performance in this contest. A forecaster who has not participated in any questions will have a performance of 0.

[Learn more about the calculation of scores.](#)

## 5. Prizes

The prizes of the contests are fixed in euros and are displayed in points only as an indication.

The contests are quarterly and the first contest will end on September 30, 2022 with a prize of 1000 euros in Amazon vouchers. This amount will be reconfirmed for each quarterly contest.

The prize money for each contest is intended to be shared by the predictors in proportion to their performance in that contest.



So, for example, the one whose performance is double that of another will receive twice as much of the prize money. As the performance can also be negative, only the predictors who have obtained a positive performance ( $> 0$ ) in the contest participate in the sharing of the winnings.

If a participant's winnings add up to at least 15 Euro, he/she can ask to convert them into an Amazon gift certificate.



**For further information:**  
[www.cehtra.com/prism](http://www.cehtra.com/prism)

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