**Data source description for the incidence trends of young-onset type 2 diabetes project**

Please answer the questions below, so that we have an accurate description of each of the data sources used for this project. These answers are very important in order to fully understand any biases that may exist. If you have previously provided us with all of this information, there is no need to repeat it here. If there has been some update on the last data source that you provided to us, we would like you to update the relevant information if needed.

1. Please provide the name and description (e.g. national register, insurance).
2. Please describe the nature of the population that the people with diabetes come from (e.g. national population, people in employment, national insurance scheme, and if there are any geographic restrictions).
3. Please indicate if, within the geographic area that that the data source serves, there are groups of people who are systematically missed from the data source (e.g. uninsured, insured with a different insurer, users of private health care, veterans).
4. Please give a description of how diabetes is defined (e.g. diagnostic code, use of glucose-lowering drugs, blood glucose/HbA1c, or combination of fields).
5. Please explain what criteria are used to determine diabetes type (i.e. T1DM and T2DM) in your database.
6. Please explain if and how you have excluded or identified gestational diabetes for this data extraction.
7. Please explain how you derive the number of deaths (mortality counts) in your database, e.g. via linkage to national death registries?
8. What year was the database first established?
9. Please estimate the percentage (or percentage range) of completeness of the capture of diabetes cases. If this differs between type 1 and type 2 diabetes as recorded in your database, please provide two estimates.
10. Have you conducted any studies to assess the completeness of diabetes capture? If so, can you please provide the reference or the document?
11. Other relevant information about the database, if any.