Text added by Leo on6 mrt 2023

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| --- | --- | --- | --- | --- | --- |
| Scenario | National | Regional | Spatial | Notes | Local plans |
| Benchmark | + | + | + |  | All plans are executed as planned from the local authorities |
| Zero migration | + | + | + | we agreed during the meeting that this is better implemented by including zero net migration for internal moves, not literally zero in- and outflows. That would be totally unrealistic (Leo) | Plans up 2030 are executed, nothing changes afterwards  /  Nothing changes  we use all baseline 2020 layers |
| War | + | ? | ? |  | All the plans are executed with delays (5years). |
| Intensifying Global competition | + | ? | ? | I am in favor of including this scenario, at the cost of EU recovery, since it gives a wider range of outcomes. (Leo) | All plans are executed as planned or even faster. |
| Rising East | + | + | + |  | All the plans are executed with delays (1- 5years). Some are never |
| EU Recovery | + | + | + |  | All plans are executed as planned from the local authorities |

1. **Decide which scenarios will be used for which geographical level.**

Dilek’s suggestions in the above Table. Please edit as you see fit.

1. **Finalize national level projections for all scenarios (Orlando/Lucas/Jacob/Samir)**

Projections for all scenarios are finished, but it is not clear if the scaling factor was applied or not for some scenarios. Jacob/Lucas/Orlando could you please confirm?

Using the latest output from Orlando for the regional model, we found that the immigration numbers does not change by scenarios. Emigration numbers do change but slightly. Please check if this is what we have at the national level for DK and NL. [Wissen@nidi.nl](mailto:Wissen@nidi.nl)

1. **Preparation of input data for regional scenarios (Leo)**

Samir and Miguel are waiting for Leo’s input to run the remaining scenarios for Denmark and the Netherlands.Leo, cCould you contact them/provide the input data?

Baseline data for NL and DK were already sent by Leo (no more actions are required for these two countries).

Actions are required for IT. International migration was updated and we got new estimates in the FUME global model. Since Leo used data from the global model to estimate subnational data for IT, we need to send to him new data from the global model to replace old values and get a new version of input data for IT.

We will send Leo data from FUME global model to estimate input data at the subnational level for PL.

Dear Samir/Miguel,

The input data for NL, DK and IT are ready and sent to you. With these input data two scenarios were run, for NL and DK: baseline (using the parameters from the data) and 0-mig. The next step would be to run the NL and DK models with the global migration scenarios. With the outcome of these scenarios we can then specify what is needed to implement as internal migration scenarios. If we specify regional migration scenarios that run counter to the international migration scenarios, we end up with little change. The internal migration scenarios will be based on the moving rates of both regions: +/- x %, specific for each group (migrant background/ level of education).

The IT data can also be run, taking into account that we do not have level of education. (Leo)

1. **Preparation of input data for regional scenarios (Miguel)**
   1. **DK:** Data was delivered from Leo and is ready to model.
   2. **NL:**  Data was delivered from Leo and is ready to model.
   3. **IT:** Data was delivered from Leo and is ready to model.
   4. **PL:** Waiting data from Leo.
2. **Running regional projection model (Samir)**
   1. Changes in the model: CoB of newborns to be changed as commented by Leo [DONE]
   2. 0mig scenario:
   3. **DK:** copy the FUME national projection migration flow output directly from the source {DONE}
      1. DK model is ready and results for DK has been shared [DONE]
   4. **NL:** copy the FUME national projection migration flow output directly from the source {DONE}
      1. NL model is ready and results for NL has been shared [DONE]
   5. **IT: waiting for inputs from Miguel**
3. **Preparing tables and graphs to check regional scenarios (Leo/Miguel)**
4. **Finalizing regional scenarios (Samir)**
5. **Preparing input data for spatial disaggregation (this is a simple step: for each projection year a table by AxSxCoC/CoB) (Leo)**
6. **Spatial disaggregation (Marina)**
7. **Checking spatial disaggregation results (Marina/Marcin/?)**