A picture containing text, map

Description automatically generated**FINANCIAL CONSIDERATIONS**

Note: both following are worst case scenarios (w/ available information)

**Estimation of damages, no changes to system:**

* Worth of 1 hectare of tulips/flowers: 400,000 euros
* 20 farmers reported damages (these wanted to file lawsuit following flood)
* Average flower farm size: 2.5 hectares/farmer

Estimated damages (worst case):

*(400,000 euros/hectare) \* (2.5 hectares/farmer) \* (20 farmers) =* ***20,000,000 euros / flood of same scale as 2021***

**Estimated lost income, changes to system:**

* Worth of 1 hectare of tulips/flowers: 400,000 euros
* Area now getting lower than desired: 75.83 hectares
  + Flower fields in that region: ~ 30 hectares

Estimated damages (considering flowers, worst case, complete loss of profits)

*(400,000 euros/hectare) \* (30 hectares) =* ***12,000,000 euros (spread across 9 bulb farmers, approximately 20 plots)***

**Options to mitigate long income loss:**

* ***Short term***: will most likely continue independent pumping to get the water levels they need to grow their flowers
* ***Medium-long term***: alter farming practices, transition into growing other crops that are more suited to the new water levels
* ***long term:*** instead of “losing” their land, the farmers can lease their land to the recreational sector, thereby still turning a profit (indefinitely or in the transitional period)
  + Could local government mediate an agreement that would basically favor the farmers?
  + Intersection of tourism and flower growing on this land? Partnership between farmers and holiday parks?
  + Inclusion of permanent resident housing in this area, not just for tourists

**Questions to answer:**

* How much recreational land are we adding?
  + How much additional revenue?
  + How much does this impact local economy?
  + Is the recreational land in middle (current roomRot camping site) being lost? 🡪 ***no, recreational land will not be affected directly***
    - Calculate net gain/loss of land 🡪 net gain of 75.83 hectares

**Tourism Value**

“For the Netherlands as a whole, tourism makes up 3% of the Netherlands’ Gross Domestic Product and 5% of jobs. Around 25% of overnight stays in the sector are along the coast. A 2013 study commissioned by the European Commission estimates that the added value for the Netherlands of maritime and coastal tourism, including cruise ships, marinas and pleasure cruising, amounts to 3.7 billion euros.” (north sea pdf)

**Tax system: (from Brightspace slides)**

• Water treatment tax € 69.- pp/yr

• Water system tax:

+ € 114.- / house/yr

+ 0.02% \* value building

+ € 4.-/ha nature

+ € 90.-/ha other

+ € 450.-/ha roads