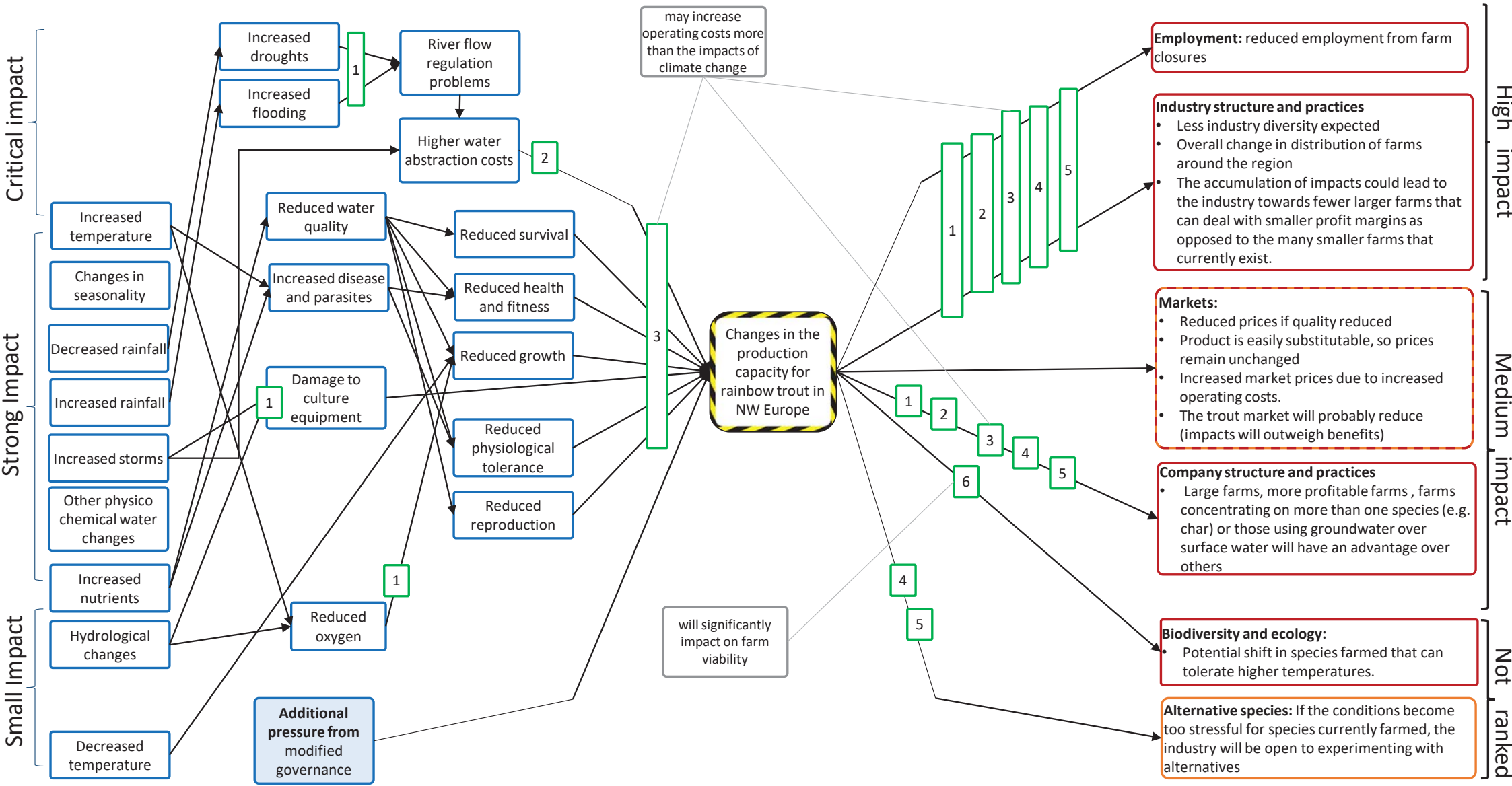


Causes (blue) Control and enhancement measures (green). Escalation factors (grey)
 Problem (yellow) Mitigation and enhancement measures (green). Escalation factors (grey)
 Consequences (red) and opportunities (orange)



Key to control, enhancement and mitigation measures

Ranked High:

1. Technology: flood measures, flood/storm approved equipment, additional oxygenation.
2. Technology: Recirculation technologies may provide scope of increasing production in drier areas.
3. Technology: New technologies could potentially maintain the conditions needed to farm the species, **but may increase operating costs more than the impacts of climate change**

Not Ranked:

4. Alternative stocks: e.g. char or warm adapted strain of rainbow trout, that are tolerant to the changing conditions.
5. Government incentives: subsidies for adaptation of technologies. If climate change losses can be estimated and quantified, subsidies and insurance payoffs would keep farms running, but this would not improve market conditions due to losses in production.
6. Trade in marine aquatic species: Movement controls could stop the spread of diseases, **but will significantly impact on farm viability.**