



COPENHAGEN TEAM

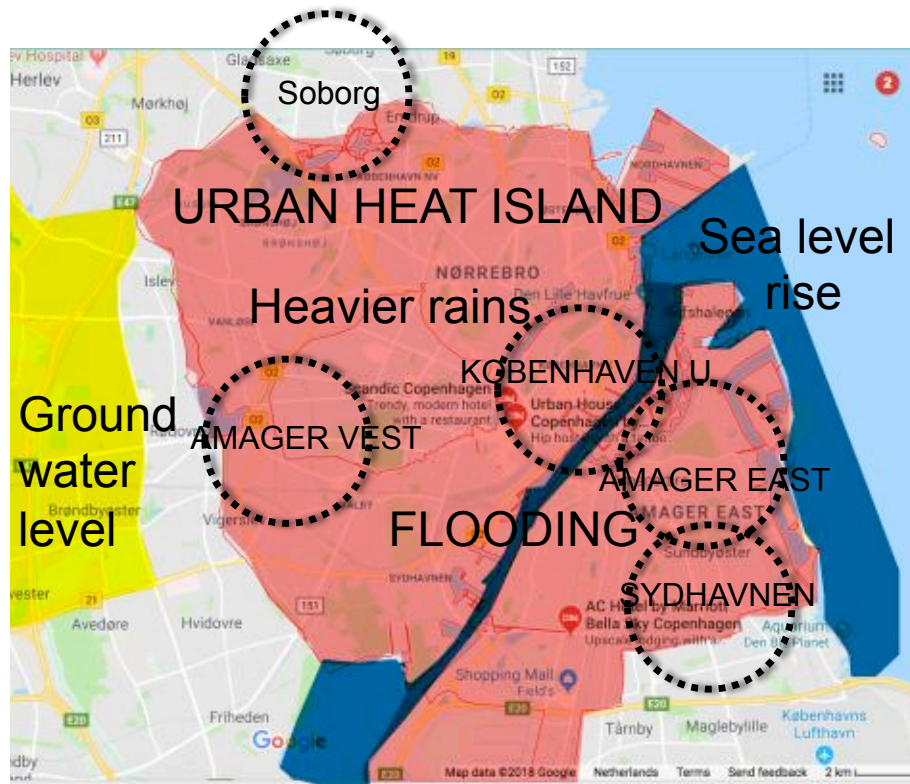
GROUP MEMBERS:

- ARMAND NICOD-AM CAMHOL (PHILIPPINES)**
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CLIMATE CHANGE CHALLENGES

DIRECT IMPACTS:

1. FLOODING- HEAVIER RAINS,
SEA LEVEL RISE
2. URBAN HEAT ISLAND
3. GROUND WATER LEVEL CHANGE



INDIRECT IMPACTS:

1. HEALTH EFFECTS OF WARMING
& WORSENING AIR QUALITY
2. BIODIVERSITY EROSION

CLIMATE CHANGE CHALLENGES



Figure 2. Flooding in 10-year scenario (2010)

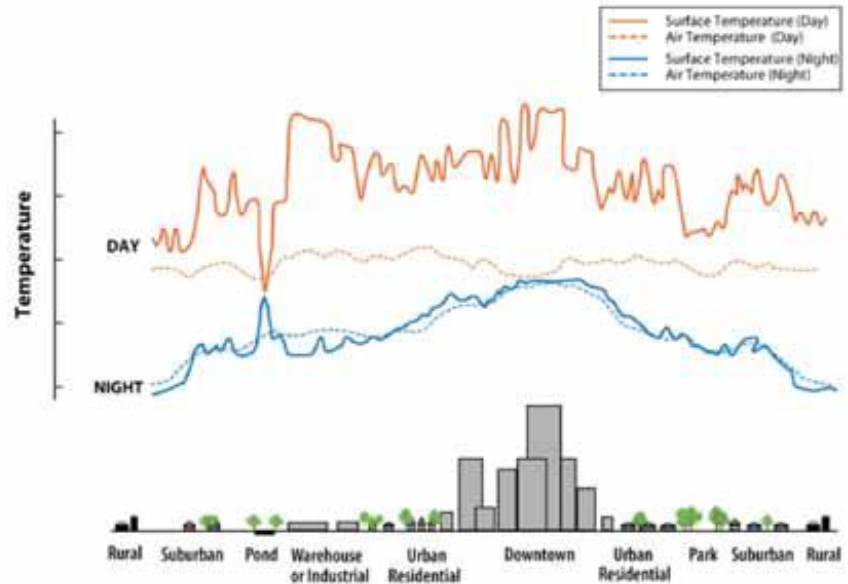


Figure 1: Surface temperature (heavy lines) and air temperature (light lines) for different areas.

Figure 3: Maximum extent of a high water of 226 cm (DVR90). A high water level of this kind will statistically occur every 20 years in 2110.



KEY QUESTIONS:

- 1- Which are the most vulnerable sectors/assets in the city assigned to you?
- 2- Which people would be most at risk?

VULNERABLE SECTORS

1. TOURISM
2. COMMERCIAL
3. RESIDENTIAL
4. EDUCATIONAL

MOST AT THE RISK

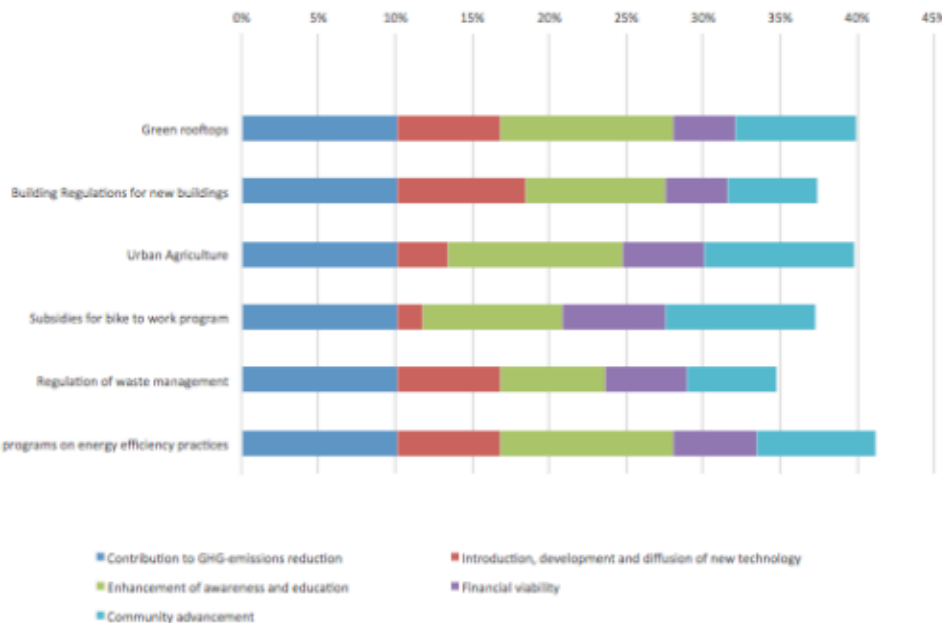
1. Elderly
2. Children
3. With existing health issues
4. Low income



MITIGATION AND ADAPTATION ACTION

MITIGATION ACTIONS

Final Scores and Contribution of criteria



Options	Score	Ranking
Awareness programs on energy efficiency practices	0.69	6
Regulation of waste management	0.81	3
Subsidies for bike to work program	0.82	1
Urban Agriculture	0.82	2
Building Regulations for new buildings	0.70	5
Green rooftops	0.75	4

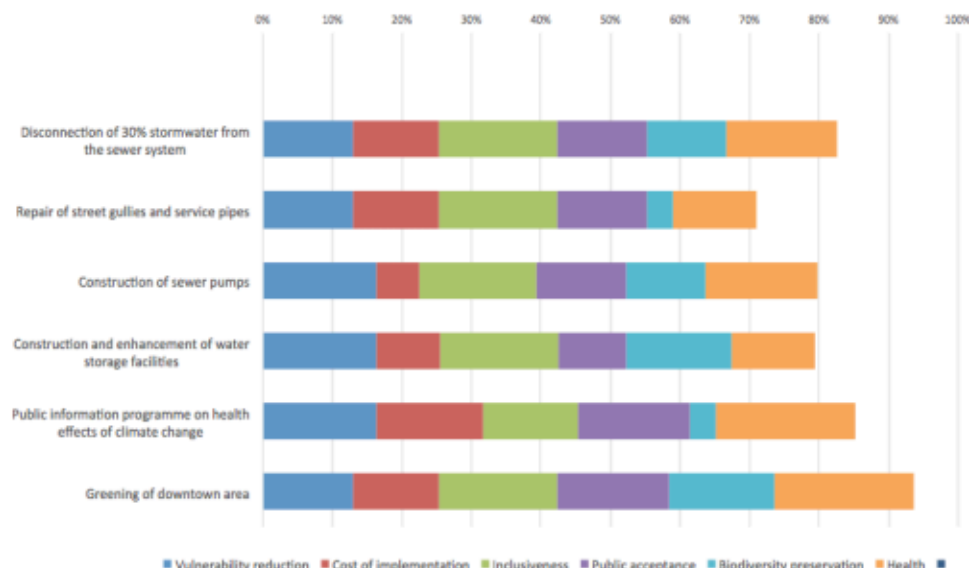
SELECTED MITIGATION ACTIONS

1. Subsidies for bike to work program
2. Regulation of waste management

MITIGATION AND ADAPTATION ACTION

ADAPTATION ACTIONS

Final Scores and Contribution of criteria

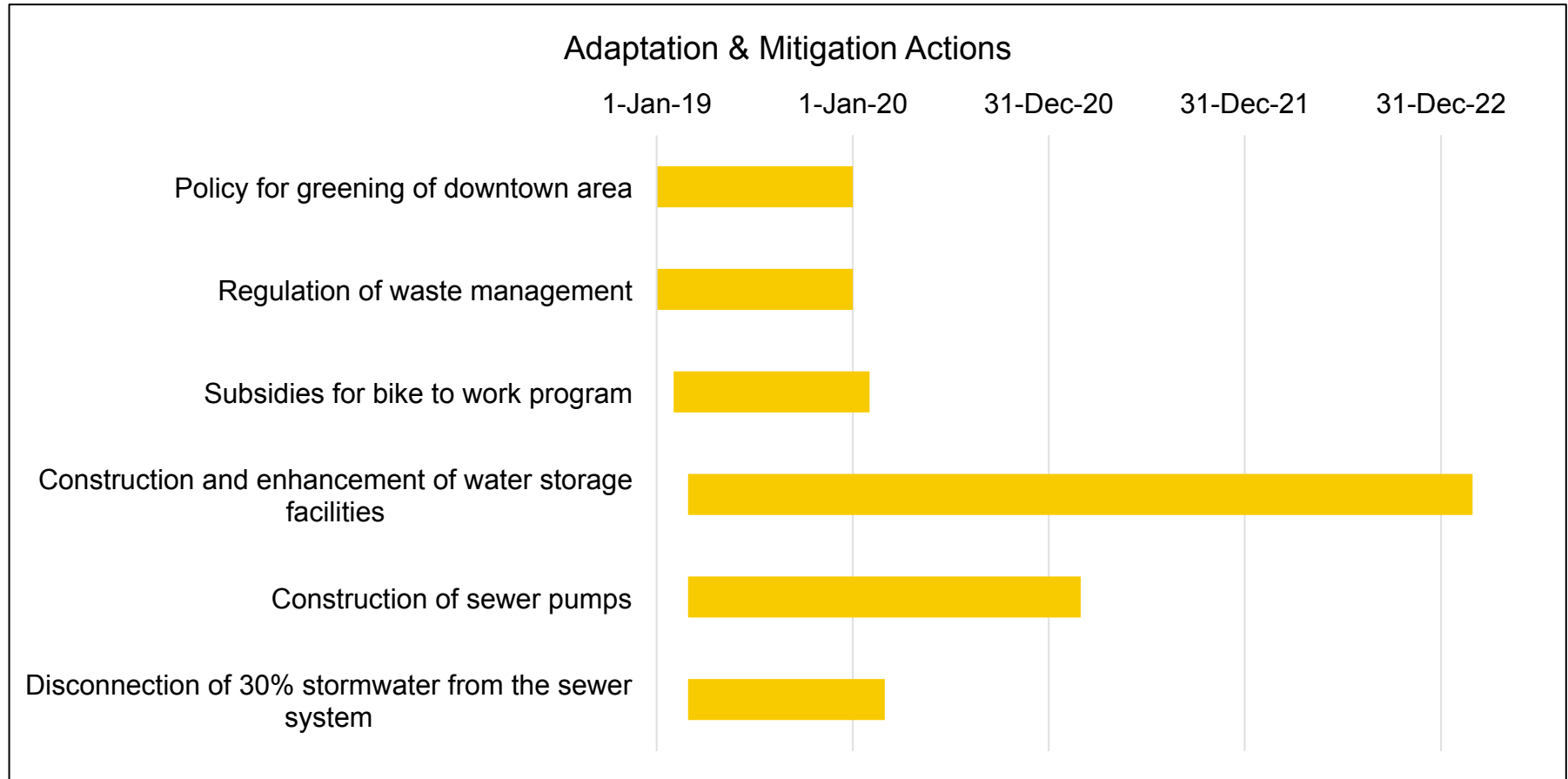


Options	Score	Ranking
Greening programme	0.94	1
Public information programme on health effects of climate change	0.85	2
Construction and enhancement of water storage facilities	0.79	5
Construction of sewer pumps	0.80	4
Repair of street gullies and service pipes	0.71	6
Disconnection of 30% stormwater from the sewer system	0.83	3

SELECTED ADAPTATION ACTIONS

1. Greening programme
2. Construction and enhancement of water storage facilities
3. Construction of sewer pumps.
4. Disconnection of 30% storm water from the sewer system

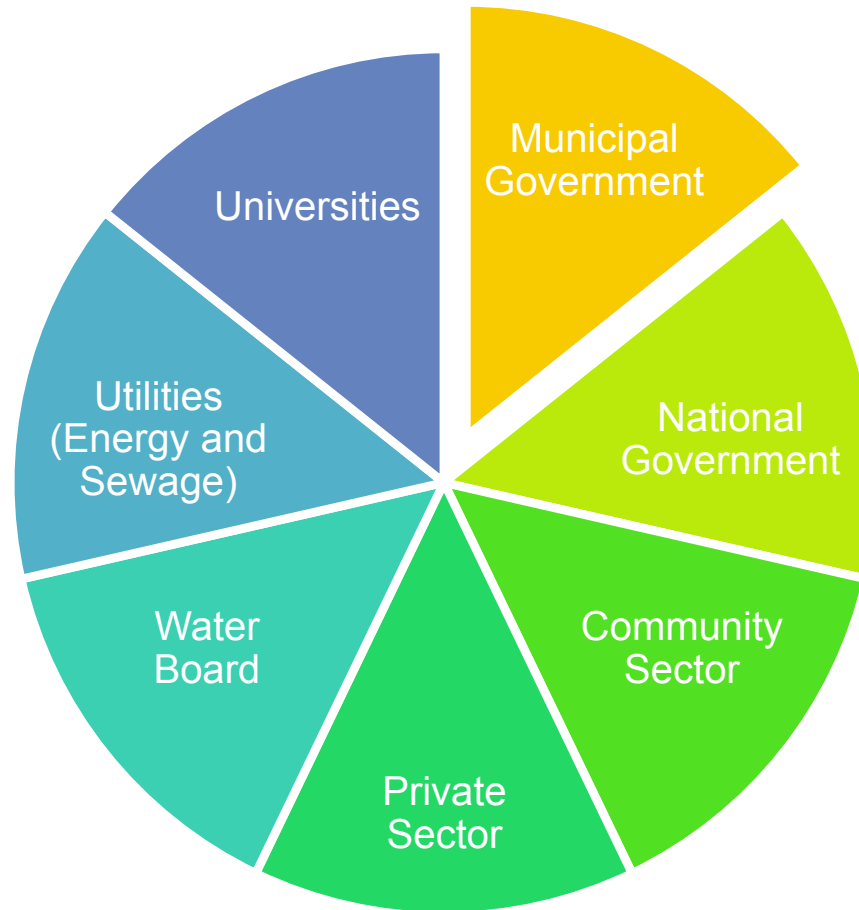
TIMEFRAME FOR IMPLEMENTATION OF ACTIONS



4- IDENTIFY FINANCIAL RESOURCES FOR THE IMPLEMENTATION OF ACTION

Actions	Stakeholders	Notes on resources & mainstreaming
Policy of greening of down town	Government Sector – Private Sector – Community Sector	Taxes and incentives
Regulation of waste management	Government Sector	
Subsidies for bike to work program	Government Sector –Private Sector	Taxes and incentives
Construction and enhancement of water storage facilities.	Government Sector – Private Sector – Community Sector	Taxes will be collected from Private Sector and Community Sector
Construction of sewer pumps.	Government Sector – Private Sector – Community Sector	Taxes will be collected from Private Sector and Community Sector
Disconnection of 30% storm water from the sewer system.	Government Sector – Private Sector – Community Sector	Taxes will be collected from Private Sector and Community Sector

5- INDICATE RELEVANT STAKEHOLDERS AND POSSIBLE PARTNERSHIPS



CONCLUSION

Main issues (Climate Change Impacts)
Objectives (Decrease the Vulnerability and increase the opportunity)

