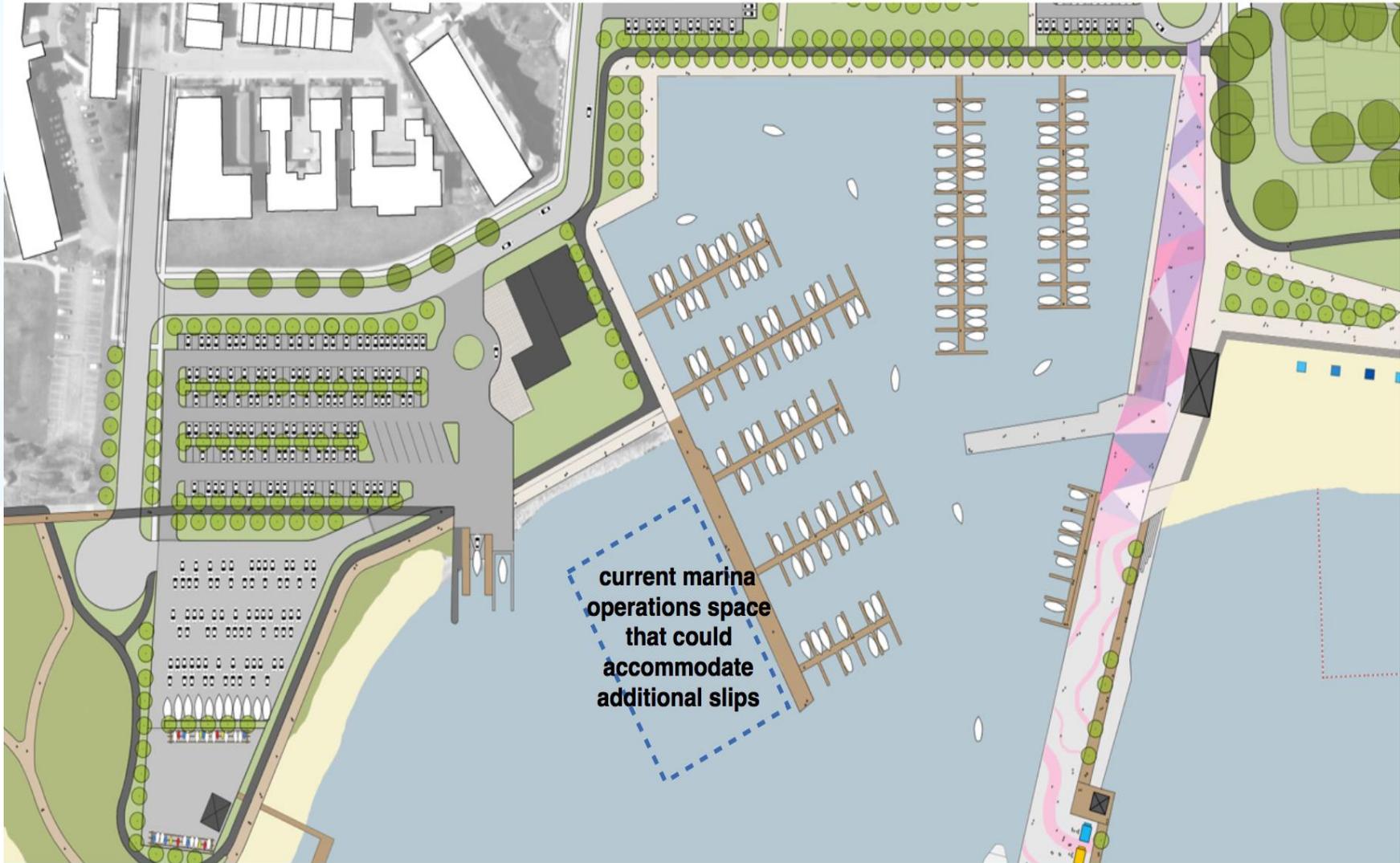




Cobourg Marina and West Harbour  
Headland

**SUSTAINABLE  
COBOURG**



**current marina  
operations space  
that could  
accommodate  
additional slips**



“When I imagine Cobourg’s future waterfront I see...”

- The boat storage moved and a “rewilding” of West Beach
- Keeping what we have in pristine repaired condition
- Accessible areas, lots of recreational water activities taking place throughout the day, evening, and weekends



## Workshop #3 June 27<sup>th</sup>, 2017

- “Why is the boat slips issue on the west side of centre pier on the recommendations? **This proposal was turned down in 2014**”
- “**No marina slips off west side of centre pier.** This was dealt with quite firmly at a public meeting in 2014”
- “**I am strongly against any new slips on the west side of the centre pier.** As you must know, this makes turning dragonboats impossible and is the thin edge of the wedge in putting an end to the open water of the outer harbour, which is vital to the multiuse concept and environmental excellence.”



## Boating Trends

- Between 2010 and 2035 participation in power boating, sailing, canoeing, kayaking and rowing are all **projected to increase**.
- It should be noted however, that the **increases in power boating and sailing are much slower** than those of the other activities.
- There are no comparable projections available for outrigger canoeing and dragon boat racing, although anecdotal information based on the increased number of members at area clubs suggests that participation in these activities is also in a growth mode.



## Boating Trends

- There is **increased interest in canoeing, kayaking, rowing, outrigger canoeing, dragon boat racing, paddle boating, and stand up paddle boarding.**
- Many marinas are striving to accommodate these types of boating activities. Rental of **small non-motorized watercraft** has become an **additional revenue source for a number of marinas in Ontario.**

# Reconnecting to Water

## Brooklyn Bridge Park



## Toronto Portlands Redevelopment



# Alternatives to Permanent Slips

## National Yacht Club Mooring Field



## Chester, NS Mooring Field



A well-planned mooring can be beneficial to residents, boaters and the local government by encouraging tourism and enhancing public access to the marine environment.

## Marina Development

- Marina development, including the construction, its presence and its use over time, will have an impact on the environment (McAllister et al., 1996; McPherson et al., 2014; PIANC, 1979; PIANC WG12, 2002)

### Developing a framework for an ecosystem-based approach to sustainable marina development

*Including a framework application case study for a marina on the island of Mauritius, Indian Ocean*



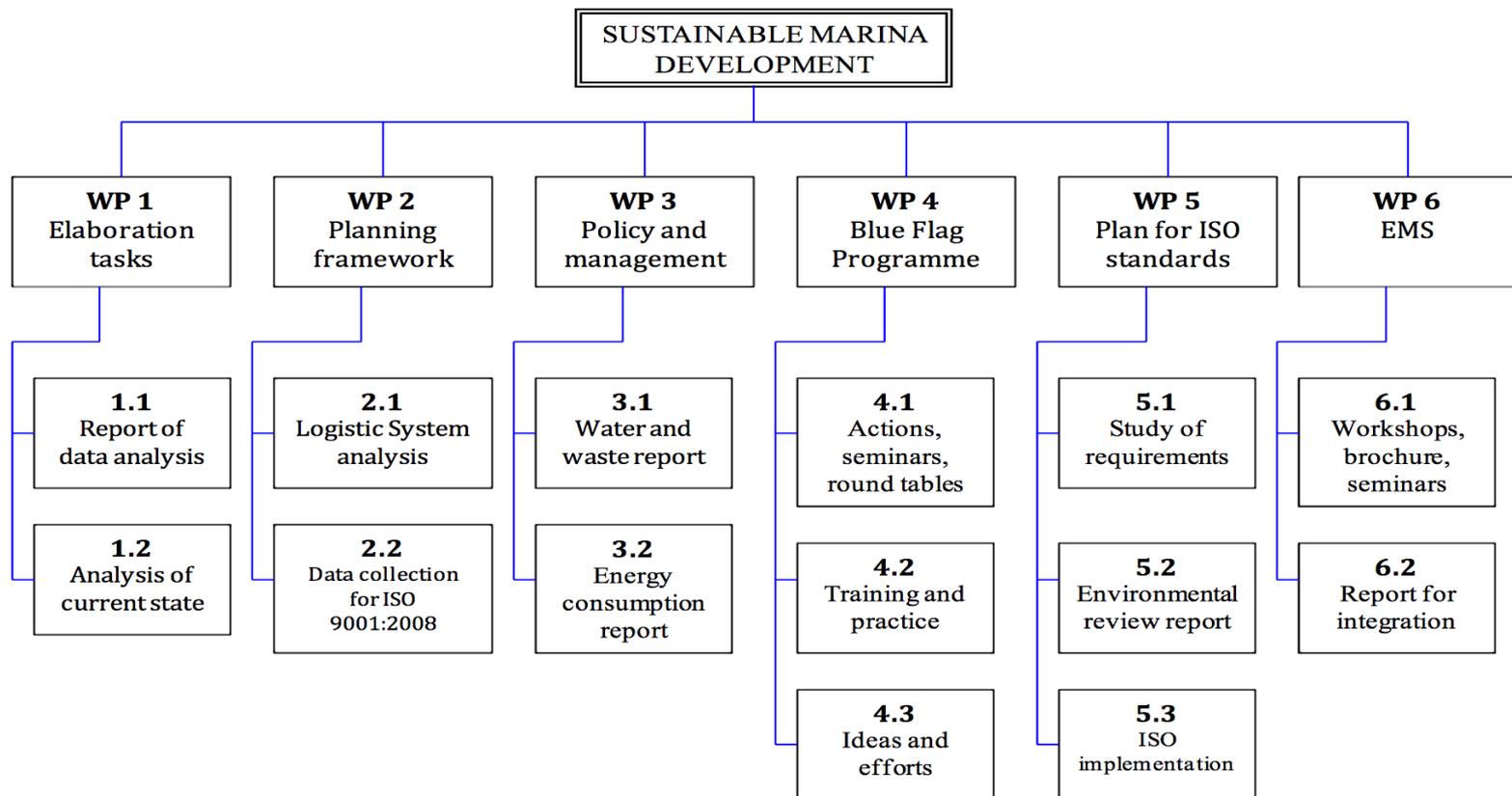
Gosse Gideon de Boer  
November, 2016



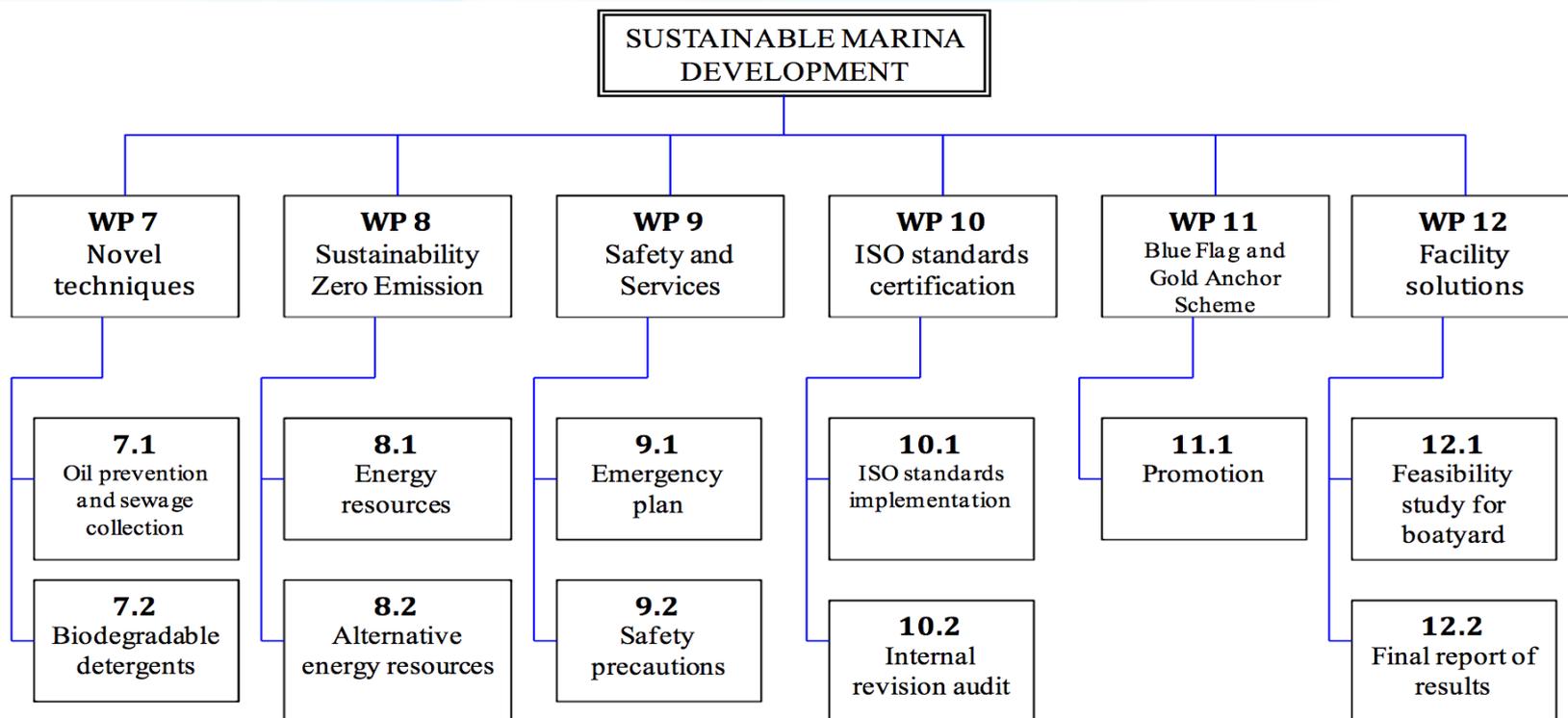
## Marina Sustainable Development Concept (MSDC)

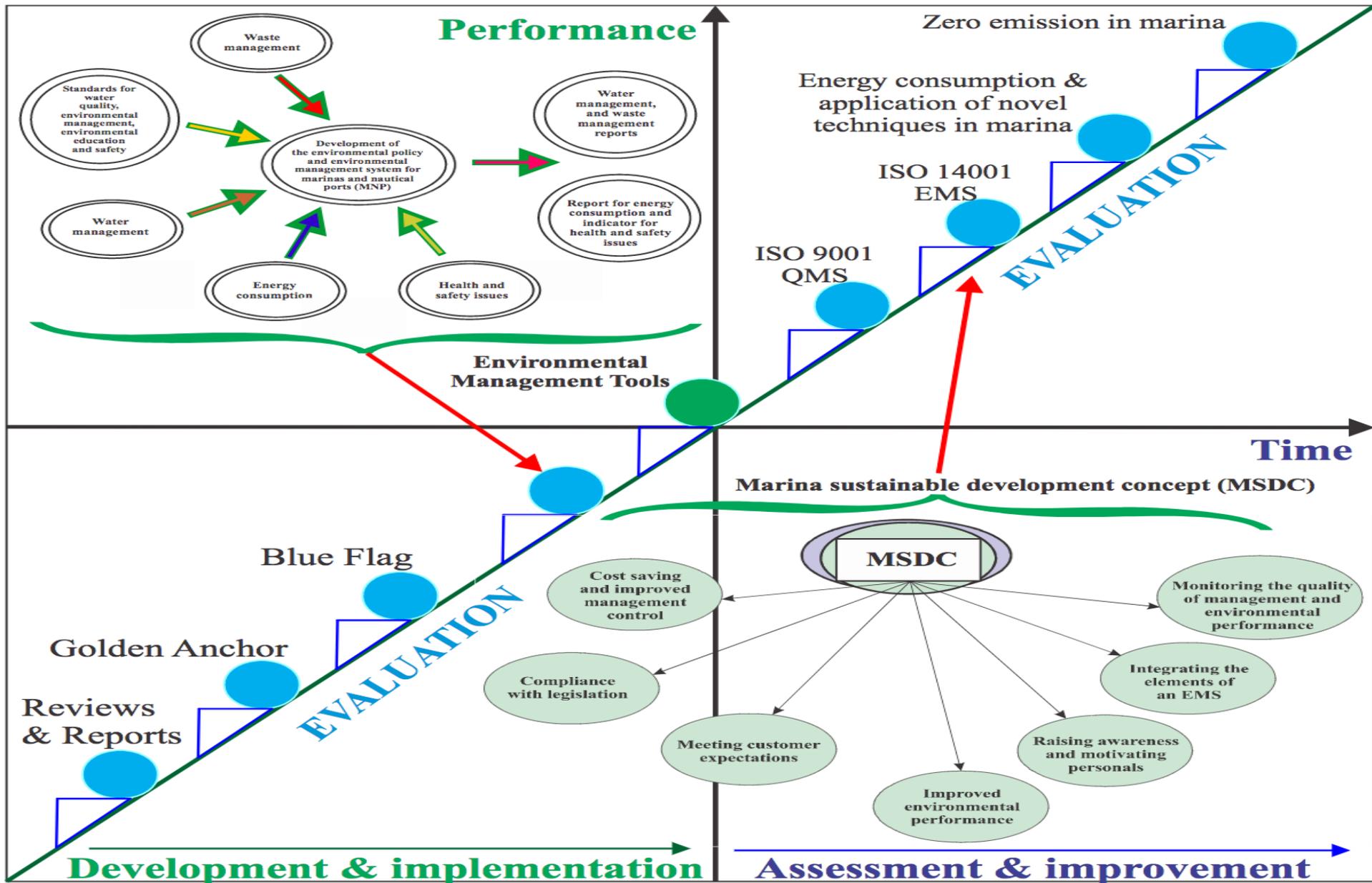
- The MSDC is complex and difficult to achieve
- Represents a challenge to become more sustainable
- Recognizes that it is not only in the hands of the marina but also the community to show interest and cooperate in achieving sustainability
- Strives for an environmentally protected marina and to create a new tourist destination.
- Concept made up of 12 Work Packages

# Work Packages & Project Activities



# Work Packages & Project Activities





**Figure 5 Achieving Steps of the Marina Sustainable Development Concept-MSDC**  
 (Adapted from ESPO, 2014; Tselentis et al., 2015)

Source: Dragović, B., & Tselentis, V. (2015). Applying and Promoting the Marina Sustainable Development Concept: The Case of Marina Bar, Montenegro. *Journal of Business and Economics*, 6(12), 2097-2108. doi:10.15341/jbe(2155-7950)/12.06.2015/011

# Blue Flag Program

BLUE FLAG

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**A world-renowned eco-label  
trusted by millions around the  
globe**

# Blue Flag Program

- Founded in 1987
- 4000 Beaches, Marinas & Boats fly the Blue Flag
  - Victoria Beach included
- 48 Countries
- Embraced by:
  - World Health Organization
  - World Tourist Organization
  - United Nations Environmental Programme



World Health  
Organization



**UNWTO**  
World Tourism Organization



**UNEP**

# Blue Flag Program



**Town of Cobourg**

@TownofCobourg

Follow

**PARKS:** Thank you to everyone who came out today to participate in the Blue Flag ceremony for Victoria Beach!



8:53 AM - 28 Jun 2016

3 Retweets 6 Likes



1



3



6

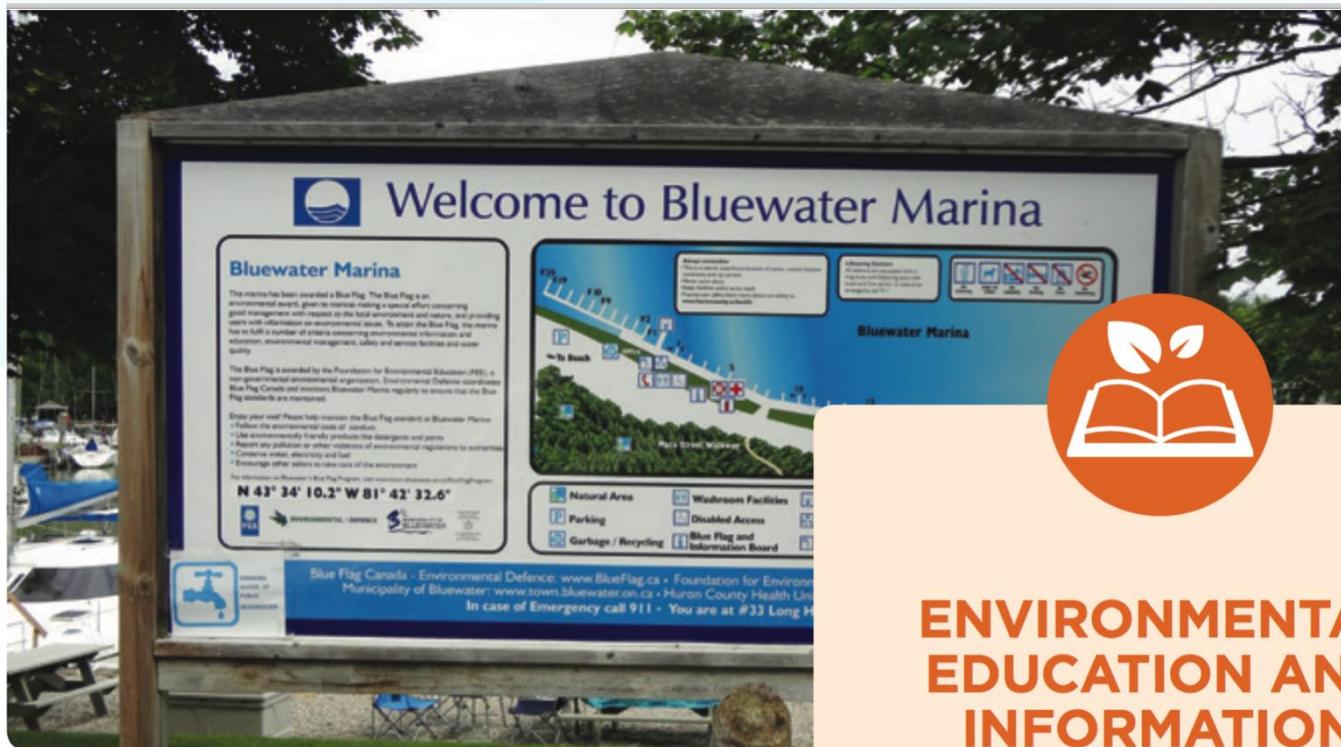
# Location of Blue Flags



# Location of Blue Flags



# Environmental Education and Information



# Water Quality



**WATER QUALITY**

# Environmental Management



**ENVIRONMENTAL  
MANAGEMENT**

# Safety And Services



**SAFETY AND  
SERVICES**



# Environmental Management Planning





## Environmental Management Planning

- Outlines how a marina can reduce its' environmental impact
- Recommended areas for prioritization
  - Waste
  - Water and Energy Consumption
  - Health and Safety Issues
  - Use of Environmentally Friendly Products



## Conclusion

- Extensive Public Engagement
- Start of a 25 Year Plan
- Huge Opportunity
  - Ecological Restoration
  - Sustainable Marina Development
  - Sustainable Tourism
  - Increase Safety
  - Expand Recreation
  - Placemaking
- A sustainable marina cannot be sustainable by itself. It must be managed sustainably based on surrounding ecosystems



- **Sustainable Development**

- *"development that meets the needs of the present without compromising the ability of future generations to meet their own needs."*

- Presentation Made To Cobourg Council by:

- Sustainable Cobourg Intern, **Gavin McGuire**

