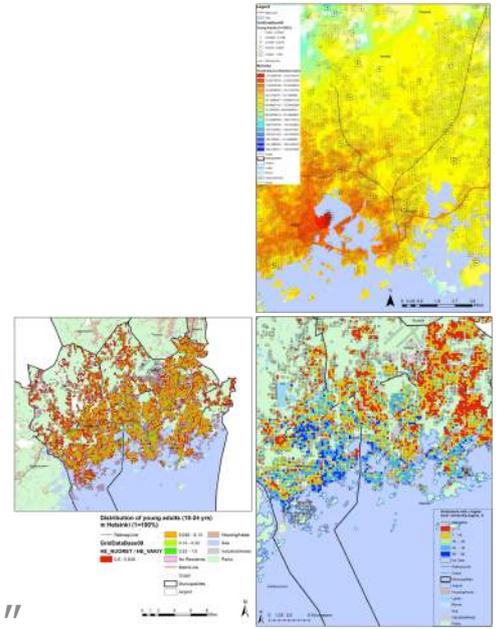


MILLENNIUM YOUTH CAMP

Urban Planning Group
Polina Berezina, Ukraine
Matthew Flower, New Zealand
Vitória Barim Pacela, Brazil
João Victor Azevedo, Brazil
Akila Prayaga, USA
Radka Pallová, Czech Republic

URBAN PLANNING: PROPOSAL FOR OTANIEMI 2020: "URBAN HEART, CAMPUS SPIRIT"



GIS Analyses on Accessibility and Social Structure

INTRODUCTION AND FUTURE CHALLENGES

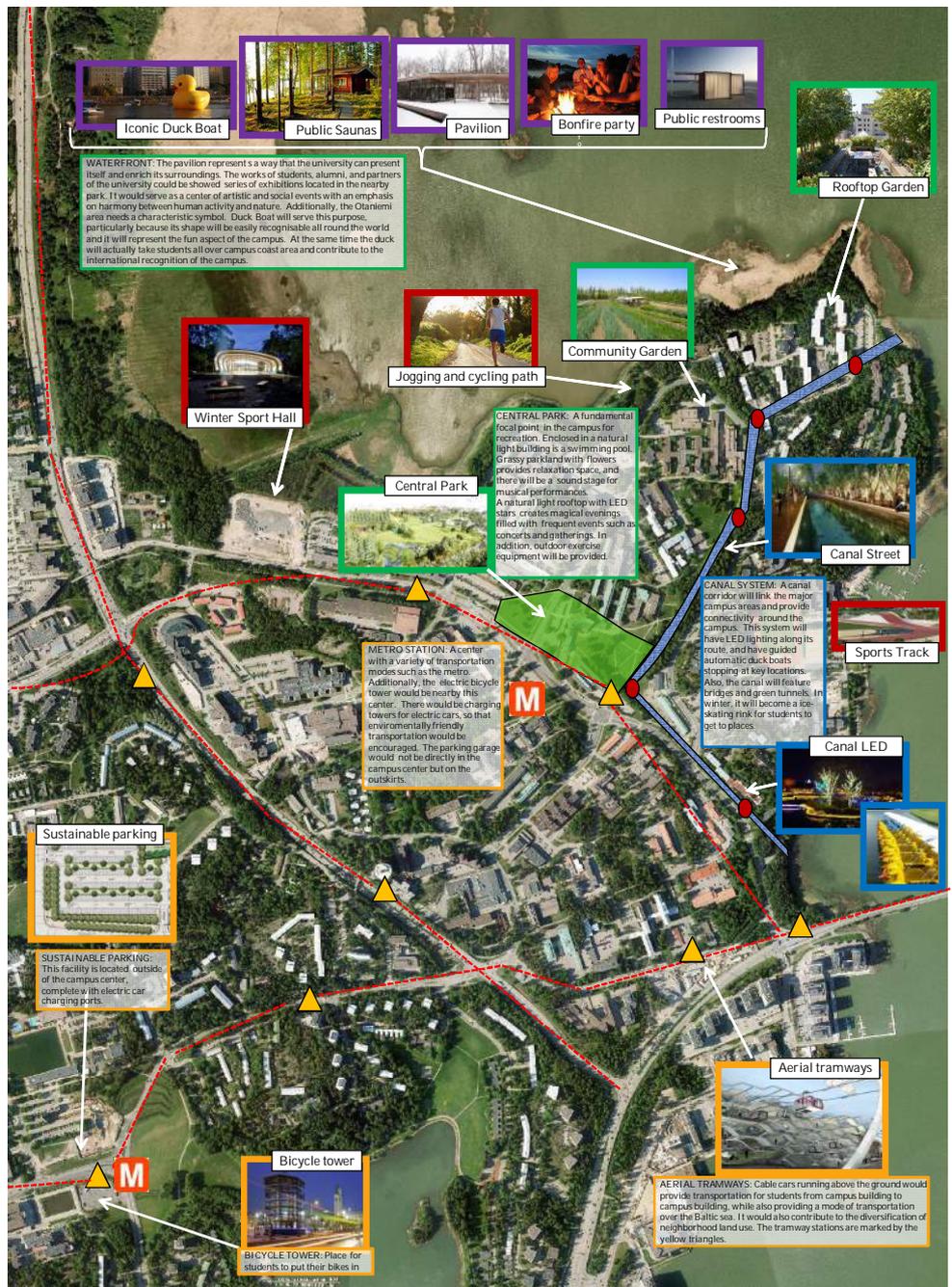
The Helsinki and Otaniemi regions will undergo many future changes and challenges. For instance, the area faces a growing youthful population and increased urbanisation. Additionally, the new metro station and changes in land use planning will create an influx of people locating in Otaniemi. It is imperative that investments be made in infrastructure and environmental sustainability. As a result, development of a new urban center must provide for such changing population dynamics. To achieve this, we must adopt new strategies in designing the built and natural environment of the campus. Key elements to be considered are encouraging multiculturalism, providing for future growth, and creating a vibrant space for both living and learning.

OTANIEMI 2020

Otaniemi 2020 will be a vibrant, environmentally sustainable, holistically planned and connected campus. As a multifaceted space, the campus will provide a wide variety of areas for students and residents. Student activities and recreation should be encouraged on campus, so the plan offers a wide range of sports and recreational facilities whilst staying true to the ideals of sustainable development. Transport and connectivity in the revitalized campus area must also be reimagined. Therefore, students will be able to travel around campus in various ways through the new aerial tramway and canal systems, as well as cycle ways.

CONCLUSION

Preparing students for upcoming challenges and opportunities, Aalto University aims to create a new identity for itself to create an inspiring learning environment that will garner global attention. With unique transportation modes, residents and students will have greater accessibility around the area. Additionally, international students will feel more comfortable in this holistic space. Thanks to the new planning proposal, Otaniemi Campus 2020 will be prepared to face the challenges of the new millennium, adapting to new conditions and creating a sustainable, dynamic area for both students and other residents to live, study and work in.



References: Sauna cottage (Landskrona, Sweden), Public Rooftop Gardens (New York, NY, USA), Rubber Duck Downtown (Pittsburgh, PA, USA), planning proposal of Jatkasaari (Helsinki, Finland), Estonian University of Life Sciences (Tartu, Estonia), Museum of Art, Tartu (Indianapolis, Indiana, USA), Community'sNSW (Brooklyn, Australia), SportField (Alicante, Spain), Modular beach houses (Barcelona, Spain), Bike Tower (Hradec Kralov, Czech Republic), Hypar Pavilion at Lincoln Center (New York, New York, USA), Yongsan Park (Seoul, Korea), Nabana no Sato Botanical Garden (Nagashima, Kuwana, Japan), Cleveland Clinic Project (Cleveland, Ohio, USA).