



2020 NPA Annual Conference

INNOVATION FOR
SMART AND RESILIENT COMMUNITIES



Northern Periphery and
Arctic Programme
2014-2020



EUROPEAN UNION
Investing in your future
European Regional Development Fund

RETROSPECTIVE AND FUTURE PERSPECTIVES ON INFLUENZA AND OTHER EPIDEMIC INFECTIOUS DISEASES IN THE ARCTIC

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LESSONS LEARNED FOR TODAY

Plague, smallpox, syphilis, cholera, measles, malaria, TB, influenza (incl. Spanish flu), polio, HIV/AIDS, SARS, swine flu, bird flu, Covid-19

- REMOTENESS & IMMUNITY
- THE EPIDEMIOLOGIC TRANSITION
- EPIDEMIC PATHWAYS
- INDIGENOUS PEOPLES
- HEALTH CARE ORGANIZATION
- DEMOGRAPHY
- * LOCAL AUTHOROTIES AND THE STATE
- * COMMUNICATION & INFORMATION
- * VACCINATION
- * COMMUNITY-BASED PANDEMIC PLANNING
- * POPULATION DATA AND PROJECTION

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PREPAREDNESS FOR THE FUTURE

- Jurisdiction
- Surveillance
- Communication
- Governance synergies
- Arctic epidemiology (?)
- E-health
- Local capacities
- Society and economy
- Food safety
- Innovation support
- Human capital
- Transports

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THE ROAD TO THE DESIRED STATE OF THE SOCIO-ECOLOGICAL SYSTEM

DEVELOPMENT STATE

NEW TECH

DRIVERS

- Community based participation
- Education
- Risk assessment
- Monitoring
- Action / Policies

HEALTHY ECOSYSTEMS

DESIRED STATE

Mediated state

Ecosystem services (governance ethics) Sustainable livelihoods

Present trajectory (BAU)

TIME

STRESSORS: Climate change, demographic shifts, psychological traumas

