# Project proposal for [name of EPIET fellow]

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| **Project title** | |
| Project (local) supervisor(s) | |
| Department where the project will take place | |
| Other possible key stakeholders | |
| Brief summary of the project:<br>Aim<br>Objectives<br>Study design<br>Study population<br>Data analysis | |
| Expected project outcome(s): report, publication, presentation to decision makers, establish surveillance system, training material or delivery, etc. | |
| Start date *(indicate if any flexibility)* | |
| Anticipated project completion date | |
| Estimated supervision time/sessions per week | |
| If data required, when will this be available? | |
| Public Health importance of this project | |

Competencies/ learning objectives that the project will address:
**Applied epidemiology**

☐ Surveillance: design/develop, implement, and/or evaluate a surveillance system, analyse surveillance data, use surveillance data for decision making;

☐ Outbreak: Participate in an outbreak investigation, formulate a case definition, describe by time-place-person, generate hypotheses, design a study, recommend evidence-based measures to control the outbreak, report results;

☐ Epidemiological studies/public health research: identify a public health issue, define objectives, write a study protocol, collect and analyse data, report results, recommend evidence-based interventions;

☐ Laboratory issues: collaborate/communicated with public health microbiologists, define lab testing, specimen collection, interpret lab test results in light of the public health problem;

☐ Public health guidance: conduct literature review, develop evidence-based guidelines, identify target groups for guidance.

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**Biostatistics**

☐ Probability: apply concepts and techniques of calculating independent and conditional probabilities;

☐ Inferential statistics: calculate and interpret point estimates and confidence intervals for means, attack rates, prevalence, risk ratios and odds ratios. Interpret results of significance testing;

☐ Sampling: define a sampling strategy and select a sample.

**Informatics**

☐ Use different literature search engines on the internet (PubMed, Embase, Lillacs, Scielo, Cochrane Library, etc), define a search protocol;

☐ Create databases, online questionnaires;

☐ Use software to write/edit documents and create presentations.

**Communication**

☐ Risk communication: apply basic principles, adjust message based on target audience

☐ Write report for decision makers, write an article for a peer-reviewed journal, write an abstract for a conference, press release, prepare a poster or oral presentation, produce documents, letters, or meeting minutes;

☐ Use new communication technologies: video or phone conferencing, webinars, etc.

**Teaching**

☐ Identify training needs, planning and organising courses;

☐ Facilitate case studies, prepare and give lectures, teach epidemiological concepts, develop a case study.

**Ethics**

☐ Apply basic concepts of protection of individuals, apply relevant laws in data collection, management, use and dissemination of information;

☐ Confidentiality: adhere to ethical principles regarding data protection and confidentiality;

☐ Be aware of conflict of interests, identify and handle them.

**Other**

☐ Any other competency (e.g. management, leadership, team building) this project will address:

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| Briefly outline the work and responsibility that is expected of the fellow (*e.g. produce background papers, organise meetings, supervise staff and any other activities not mentioned above*) | |
| Ethics approval required? Informed consent? | |
| **Contact details of supervisor(s):** | |

**Please indicate if this project is part of an EU funded project or part of an ECDC disease programme activity.**