# Project proposal for [name of EPIET fellow]

<table>
<thead>
<tr>
<th>Project title</th>
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<tbody>
<tr>
<td>Project (local) supervisor(s)</td>
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<tr>
<td>Department where the project will take place</td>
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<tr>
<td>Other possible key stakeholders</td>
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### Brief summary of the project:
- **Aim**
- **Objectives**
- **Study design**
- **Study population**
- **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

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### 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, Lilacs, 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:

<table>
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<tr>
<th>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)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethics approval required? Informed consent?</td>
<td></td>
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<tr>
<td>Contact details of supervisor(s):</td>
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Please indicate if this project is part of an EU funded project or part of an ECDC disease programme activity.