



**Job Title:** Trainee

**Job ID:** 103355

**Location:** Luxembourg

**Full/Part Time**

The **European Investment Fund (EIF)**, is seeking to recruit for its **Analytics & New Products Division, Guarantees, Securitisation & Microfinance Department**, at its headquarters in **Luxembourg**, (**Job ID:** 103355),

### **Trainee**

*For a period of five (5) months to start as soon as possible*

#### **Purpose:**

The trainee will assist in testing the quantitative methodology and will work on a prototype using the R framework following the guidance received by the supervising officer. He will therefore be introduced to the mathematical framework needed to understand the Guarantee and Asset Backed Security (ABS) business, including intensity modelling, Gaussian Copula and Monte Carlo Simulation techniques. He will also receive an in depth training on waterfall structures of securitizations.

#### **Responsibilities:**

- Assisting in drafting and implementing the quantitative analytics and methodology used within EIF.

#### **Expected outcome:**

- Completion of prototyping by end of internship;
- Draft model documentation;
- Other, depending on work flow.

#### **Qualifications:**

- University degree (or ongoing studies at advanced stage) preferably in a science, or quantitative finance related field;
- Bachelor's Degree required, Master's Degree graduates will be considered.

#### **Competencies:**

- Good drafting and synthesis skills;
- Strong oral and written communication skills proven to be clear and appropriate for the audience;
- Fluency in English; knowledge of further EU languages considered an asset;

- Proactive self-starter with the ability to work well under pressure, prioritize and multitask;
- First experience in applied mathematics, banking/finance and/or familiarity with evaluations would be a plus;
- Some experience/exposure to quantitative analytics, data science, would be a plus;
- Basic understanding of fixed income ABS products;
- Some knowledge and understanding of EIF's mission and activities;
- Knowledge of Excel VBA, programming language(s), logic and willingness to develop programming skills required.

**Deadline for applications: 15th September 2016**

Applications are accepted ONLY via our portal: <https://erecruitment.eib.org>

\* Due to high volume of applications, only candidates selected for interviews will be contacted.