



Iveco Group N.V.  
Corporate Seat: Amsterdam,  
the Netherlands  
Chamber of Commerce  
Registration no.  
83102701

**Iveco Group** (MI: IVG) is a leading global automotive company active in commercial and special vehicles. It employs approximately 34,000 people worldwide and has 28 production sites and 29 R&D centres. Within the Group, FPT is the business unit specializing in the research, development and production of powertrains.

Around 265 highly qualified employees work at FPT Motorenforschung AG in Arbon, directly on the shores of Lake Constance in North-Eastern Switzerland. We are the leading innovation centre for FPT and play a central role in the development of future powertrain solutions (not only for diesel engines but also for electrified drivetrains, hybrid engines and fuel cells, as well as for novel engine concepts and fuel types) and are therefore at the forefront of a transition within Iveco towards a future of alternative propulsion systems.

To further grow our team, we are currently looking to fill position as

## Automotive Test Engineer for eDrives (f/m/d)

### Your responsibilities:

- Working in a multidisciplinary team, contributing to the instrumentation, testing, evaluation, reporting and testing coordination of the xEV related projects components (e-motors and inverters) for FPT Industrial electrified powertrain product portfolio for hybrid and full electric
- Responsible for testing activities on electric motors and inverters as well as their application to on-road vehicles and non-road applications
- Develop tools and methods to efficiently extract/process the testing data in collaboration with the components' owners
- Update and maintain safety rules and including them into all considerations and implementations for LV and HV eDrives Testing (mechanical, HV, thermals, etc);
- Communicate results and make presentations that describe analysis and solutions
- Collaborate with our Components & System Development teams for the definition of control system requirements and the needed instrumentation as well as environmental conditions and configurations including safety requirements
- Close collaboration with various internal departments as well as external laboratories and with universities
- Specify bench components'/instrumentations' technical requirements (State of Requirements) and evaluate technical proposals of suppliers (sourcing and technical reviews).

### Our requirements:

- (Postgrad) degree in Mechanical Engineering or a closely related discipline complemented by practical experience that also extends into the fields of Electrical Engineering
- At least 3 years of experience in the testing and evaluation of xEV eDrives and their ancillary key components such as e-motors, inverters, pumps and sensors

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- Experience on conventional powertrain control systems, regenerative braking integration and multi-speed automated transmission controls as well as with safety critical electronic products for automotive/commercial vehicle electrified applications
- Self-motivated with very good communication skills;
- English fluency is mandatory, German skills appreciated
- ***A valid work permit for Switzerland*** (*not needed if you are a Swiss citizen or hold a passport from an EU-26 or EFTA member state!*)

### **Life at FPT/IVECO in Arbon**

Arbon is located in North-Eastern Switzerland on the shores of Lake Constance 30 minutes from the German and Austrian borders offering an outstanding quality of living, with our site being based right at the lakefront. Lunchbreak by the water or meeting the family after work in the park? That will take you literally just seconds. Are you more into skiing, hiking or biking than watersports? The Swiss and Austrian mountains are at our doorstep. You prefer settling in a city over country life? St.Gallen, Eastern Switzerland's cultural and economic center with its world-renowned university is a mere 15 minutes' drive from Arbon (yes, we provide free parking) with distinctively more affordable costs of living than most of the other larger cities in Switzerland.

As Swissmem members, our working conditions are regulated by the **tariff of the Swiss machinery and metal industry**. We work a 40 hour week with flexible working hours, offer between 25 and 30 days of holidays per year depending on your age grade (plus another week off as a compensation for 10 minutes extra per day, so in effect **30 to 35 days of holidays for a 40.83 hours week**), **home office** opportunities of **up to 12 days per month** (depending on the position) as well as an open-minded corporate culture with international and diverse teams, flat hierarchies and informal culture based on mutual respect. And, most importantly, we are providing a state-of-the-art environment for engineers in the automotive industry that is second to none within Switzerland and offers various career paths for all interests.

### **Interested?**

Please send your application to [recruitment.arbon@ivecogroup.com](mailto:recruitment.arbon@ivecogroup.com)

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