

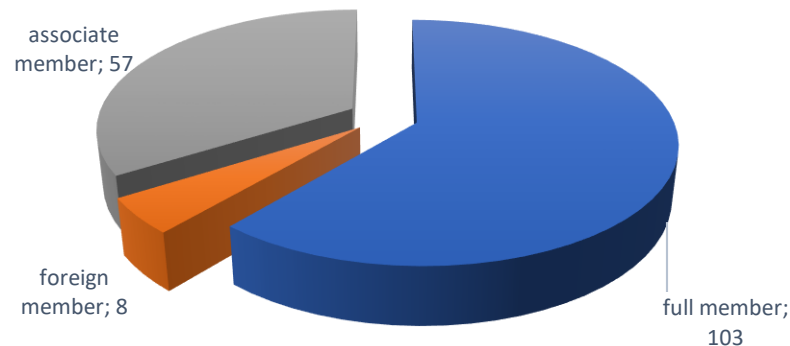


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- ❖ How many spring manufacturer are in Germany ?
about 220 are in spring business
- ❖ How many are organized in VDFI ?
103 spring manufacturer from Germany
8 spring manufacturer from Europe
57 associated members

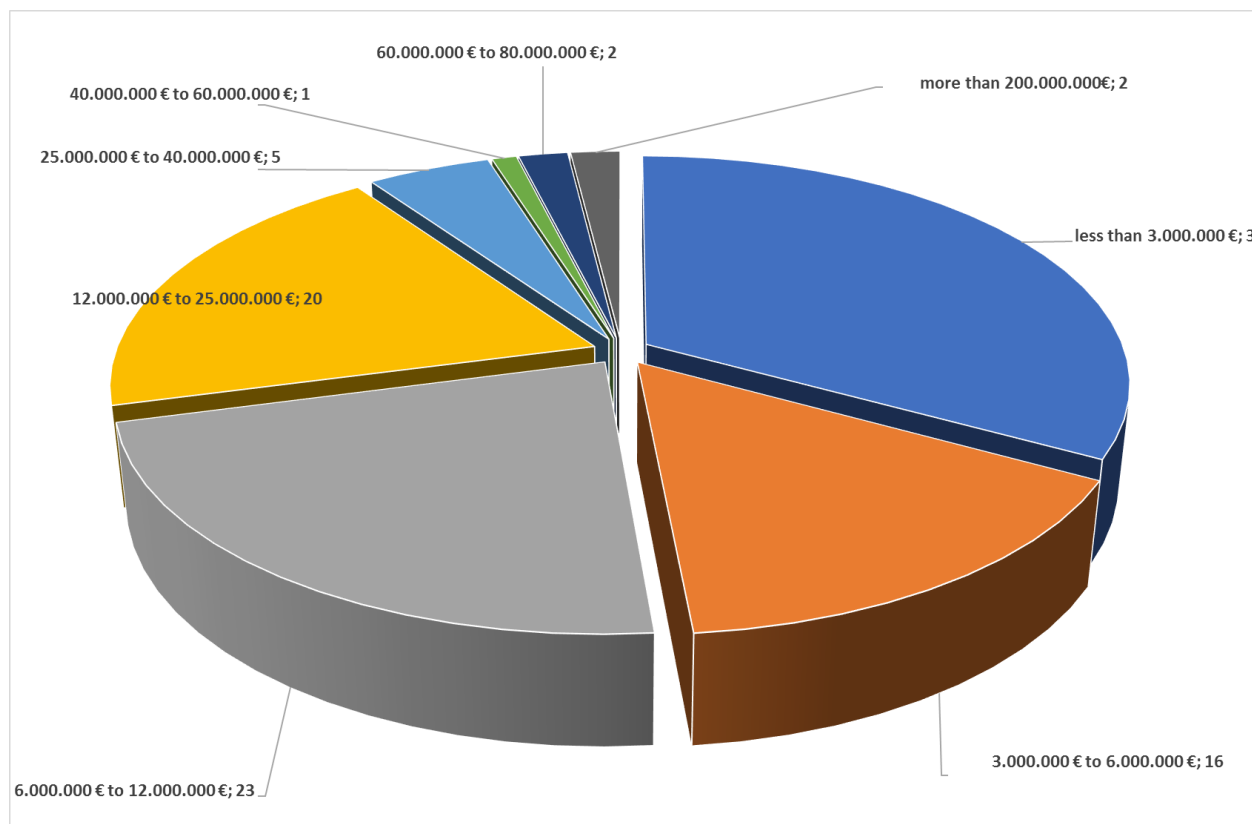


- ❖ Turnover in spring industry
2.200.000.000

source: statistic government



❖ Structure of companies



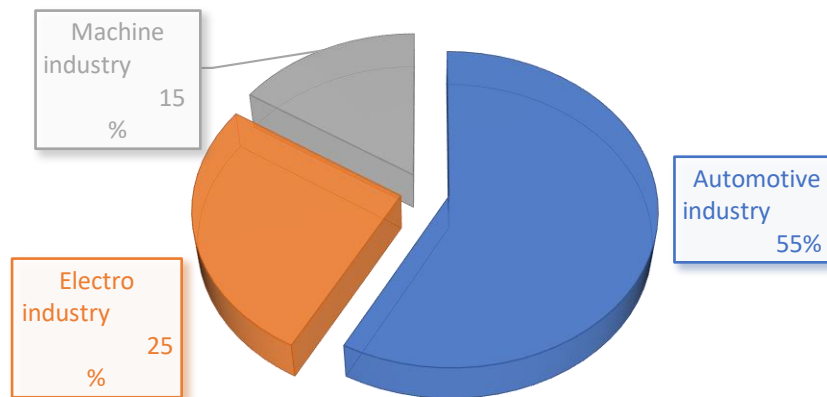
more than 70% are less then 12.000.000 € /a

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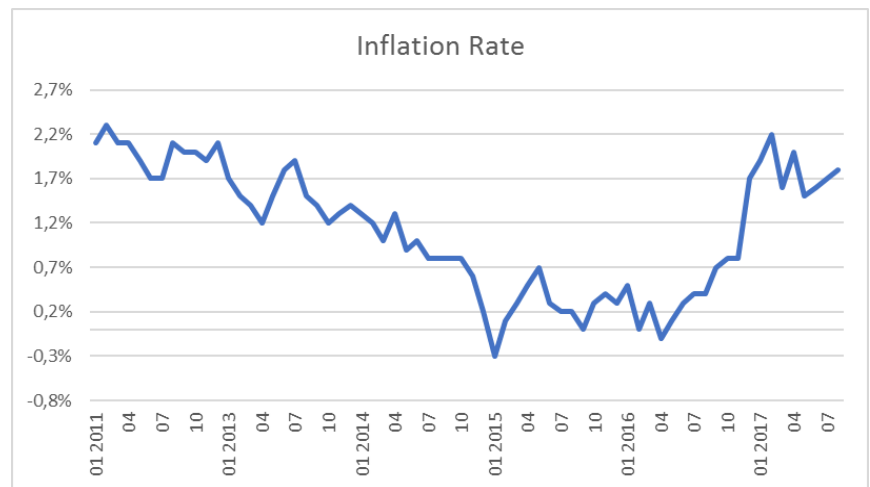
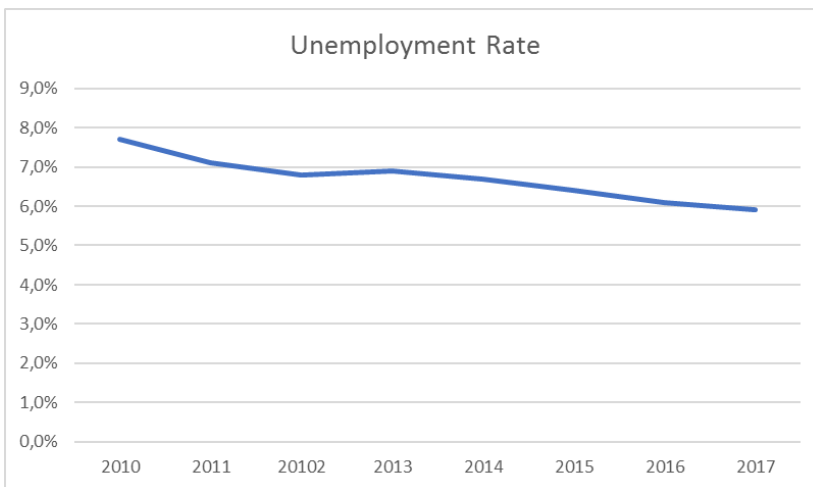
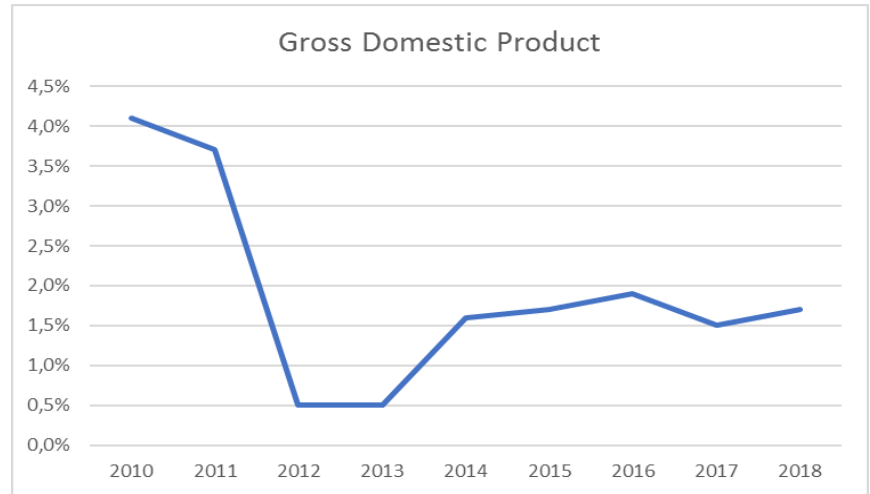
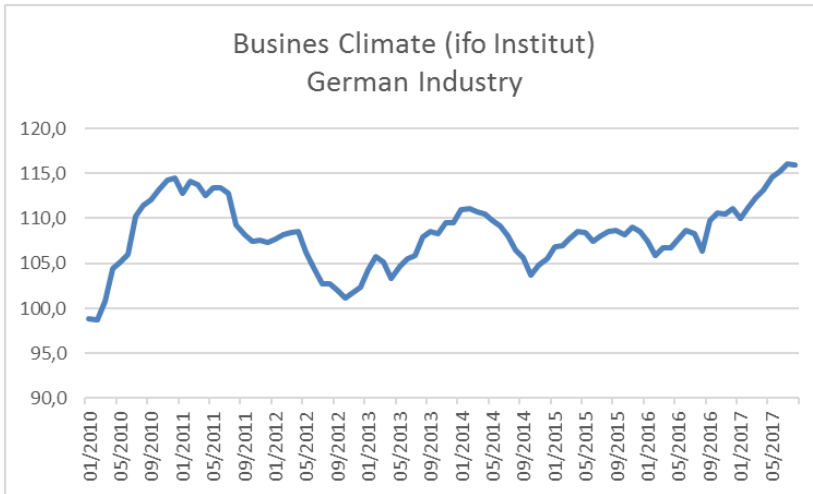




- ❖ Direct export about 38%
- ❖ What are the main customer industries



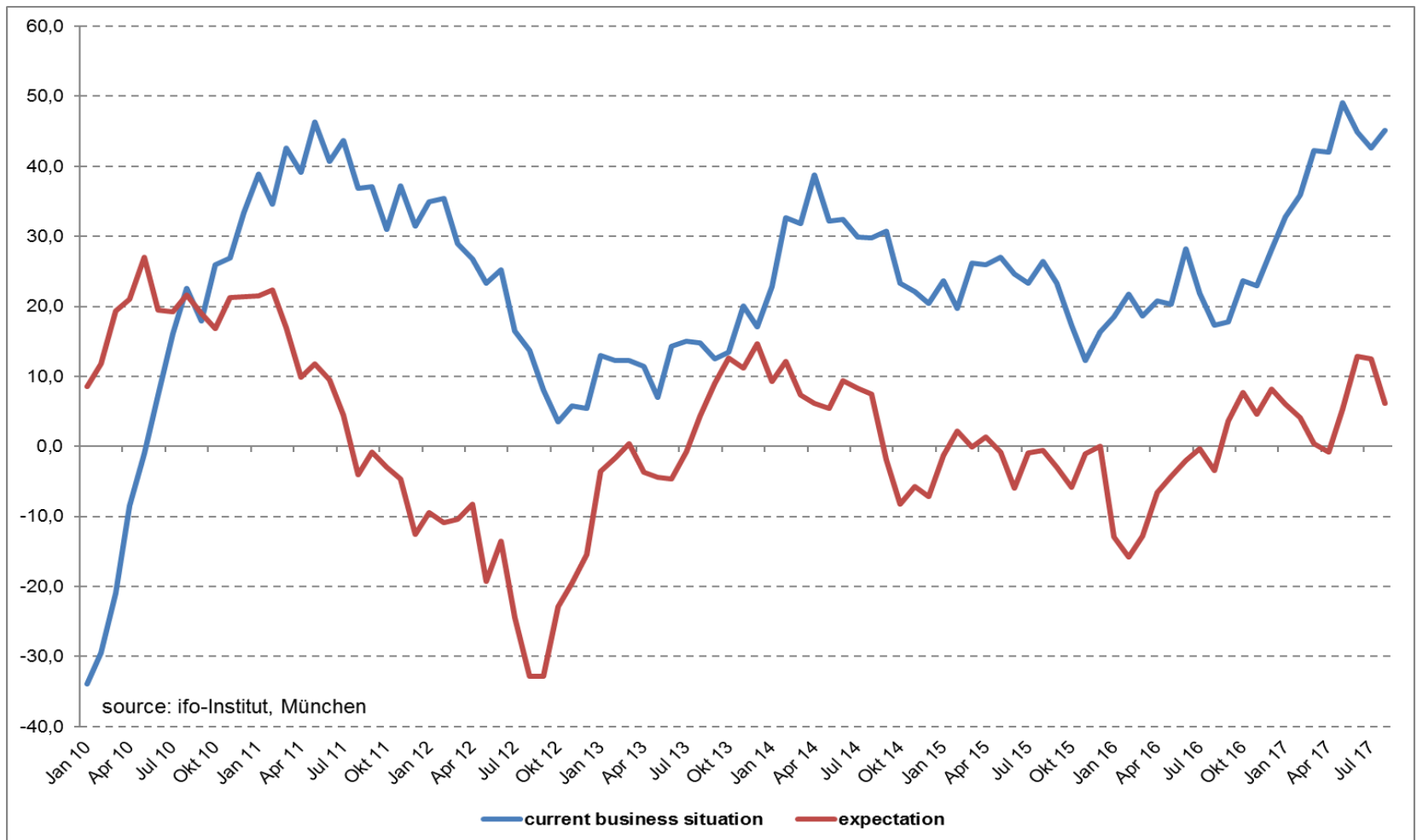
- ❖ Development of spring industry in the first 6 month 2017 in comparison with 2016
+ 6.0%
- ❖ Expectation for the next 3 month
+ 5,8%





Business climate index – steel and metal industry

August 2017

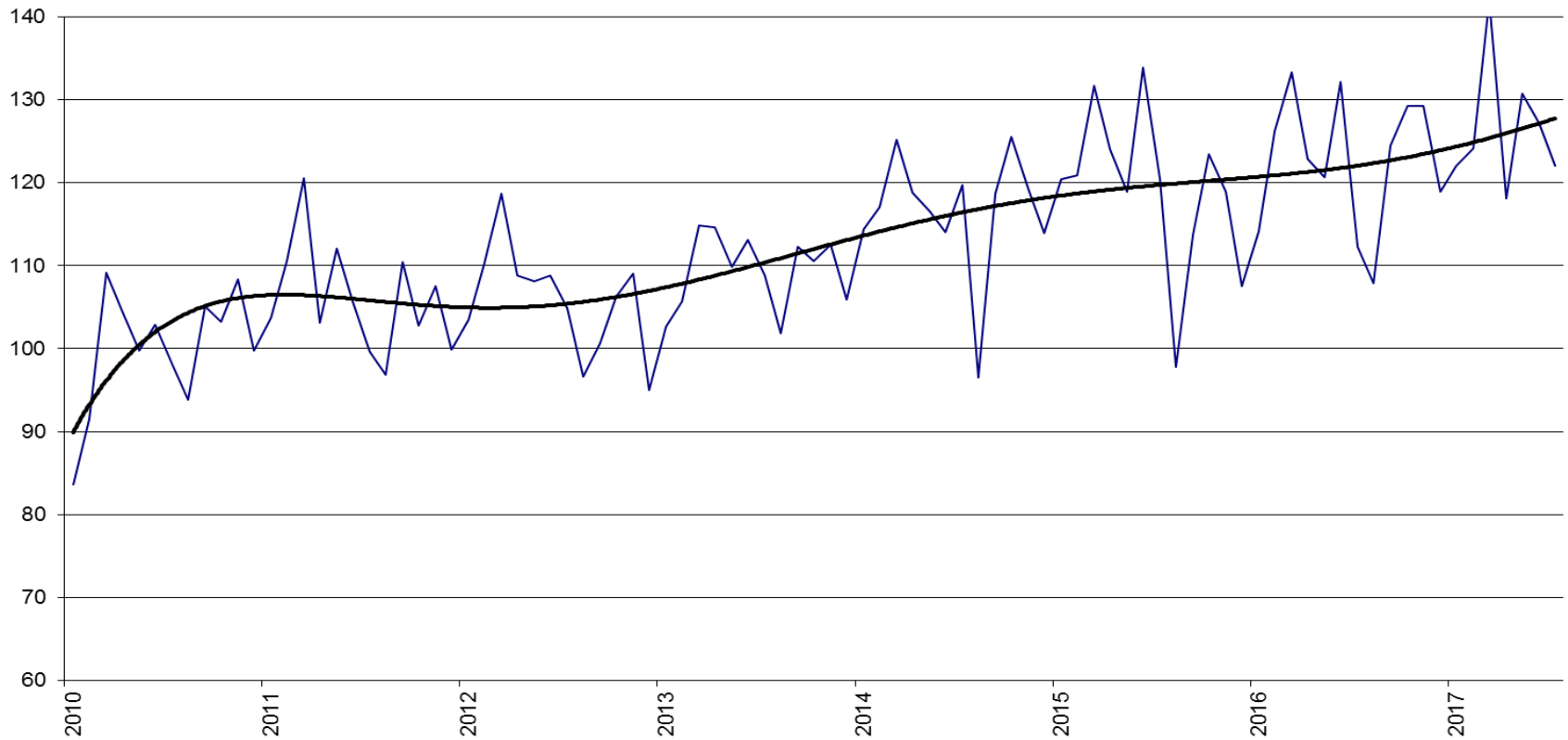




development of new orders in automotive industry

September 2017

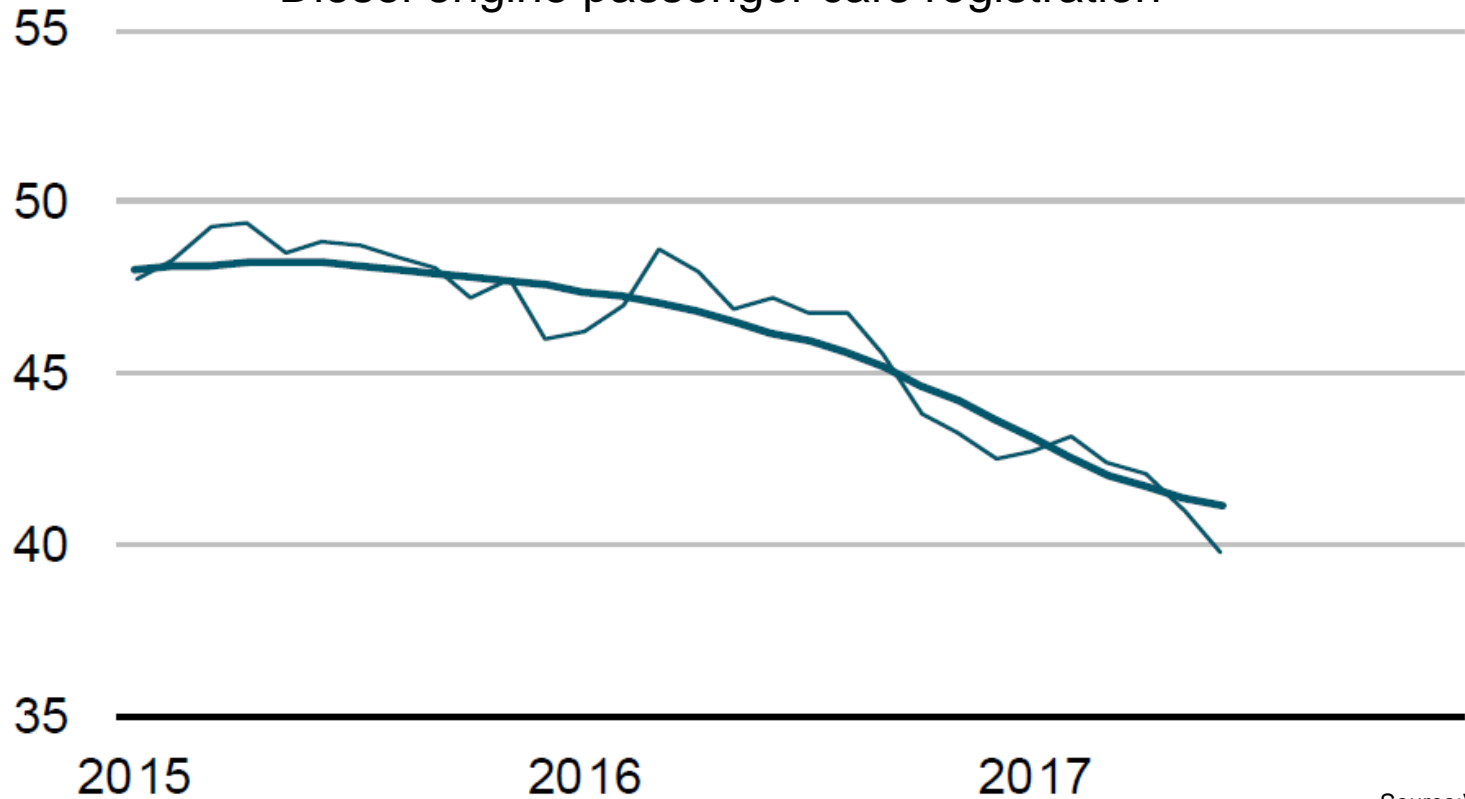
(source: WSM/ Stat.Bundesamt)





Diesel engine passenger cars registration

percentage



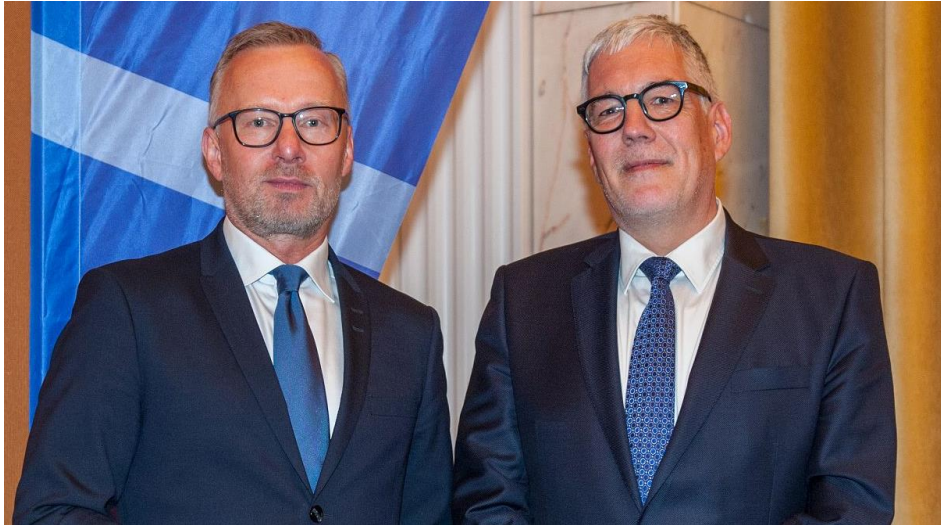
Source:VDA



- ❖ the main challenges for the near future in spring industry
 - skilled workers
 - digitization:
 - data security;
 - data ownership
 - dependence on information technology availability ;
 - customer requirements
 - Internationalization of companies and markets
 - e-mobility



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Paul Bernd Vogtland; President
Matthias Nettmann; Vice President

VDFI Team



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Thank you for your attention