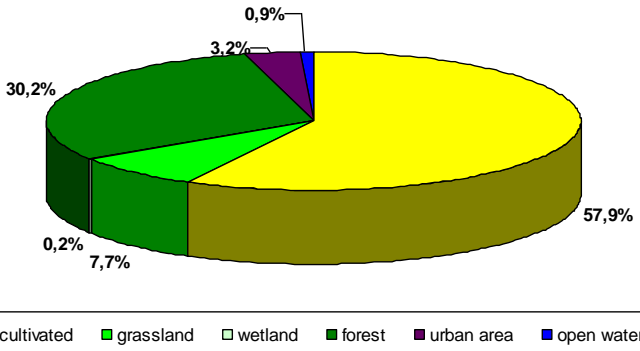


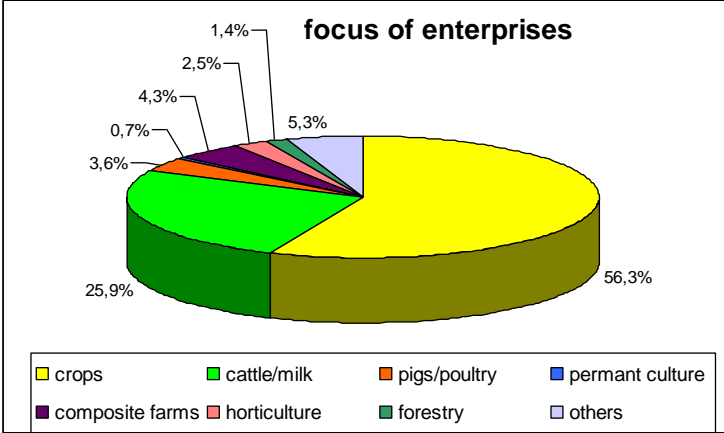
German Postcard: Welcome to Ilmenau-Jeetzel



Issue	Data							
	Catchment level							
The size of the catchment	"Ilmenau rechts – Jeetzel links"; 2.052 km ² (red line)							
The size of subcatchment (pilot)	193 km ² (blue line)							
Topography	average of field size: 3,19 ha							
Land Cover & Land Use in catchment area	57,9 % cultivated 30,2 % forest 0,2 % wetland 7,7 % permanent grassland 3,2 % urban area 0,9 % open water	<p data-bbox="1323 783 1749 810">land use in catchment (2.052 km²)</p>  <table border="1" data-bbox="1211 1145 1899 1182"> <tr> <td>cultivated</td> <td>grassland</td> <td>wetland</td> <td>forest</td> <td>urban area</td> <td>open water</td> </tr> </table>	cultivated	grassland	wetland	forest	urban area	open water
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No. of farms/land based enterprises ¹ in the catchment area (full-time holdings)	plant production: 744 breeding animal: 323 gardening: 31 other agriculture: 25 forestry ? (very few)	
Population density in the catchment area	54 people per km ²	
Typical Farm Size	Mode 2 – 25 ha LF, Average:80,1 ha LF	

¹ Definition of land based enterprise: An enterprise within the primary sector making use of the land – breeding animal, plant production, gardening, forestry)

<p>No. of Ha by different branches</p>	<p><u>Numbers of farms (main focus of production):</u></p> <p>crops: 1.693</p> <p>cattle/milk: 778</p> <p>pigs/poultry: 108</p> <p>permanent culture: 21</p> <p>composite 129</p> <p>horticulture 76</p> <p>forestry 43</p> <p>others: 158</p>	 <p>focus of enterprises</p> <table border="1"> <thead> <tr> <th>Branch</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>crops</td> <td>56,3%</td> </tr> <tr> <td>forestry</td> <td>25,9%</td> </tr> <tr> <td>cattle/milk</td> <td>5,3%</td> </tr> <tr> <td>horticulture</td> <td>4,3%</td> </tr> <tr> <td>pigs/poultry</td> <td>3,6%</td> </tr> <tr> <td>composite farms</td> <td>2,5%</td> </tr> <tr> <td>others</td> <td>1,4%</td> </tr> <tr> <td>permant culture</td> <td>0,7%</td> </tr> </tbody> </table>	Branch	Percentage	crops	56,3%	forestry	25,9%	cattle/milk	5,3%	horticulture	4,3%	pigs/poultry	3,6%	composite farms	2,5%	others	1,4%	permant culture	0,7%
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<p>Animal density</p>	<p>0,36 GV per ha</p> <p>(1 GV is equivalent to 500kg live weight)</p>																			
<p>Employment in primary, land based sector (including self employment) out of total employment in catchment area</p>	<p>1,45 AK (workers) per 100 ha in average</p> <p>2,7% of total employment are employed in primary, land based sector</p>																			
<p>Primary pilot problem</p>	<p>Primarily quantity in combination with climate change:</p> <p>The ongoing increase of the deficit of the</p>																			

	<p>climatically water balance is increasing the need for irrigation, which is currently essentially done from deep groundwater layers. Further extraction is supposed to harm the local small watercourses.</p> <p>Secondary Quality: due to continued crop-failures from insufficient irrigation, applied fertilizers will not be uptaken from crops and will leach during the following winter.</p>	
<p>Is the catchment similar to other catchments in country</p>	<p>Pilot catchment is similar to all geest-catchments with high water extraction</p>	

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The full Niedersachsen (Germany) baseline can be found at: www.aquarius-nsr.eu