

Name SURNAME: Niels P.R. Anten		
Function:	WP2 Coordinator	
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Division	Centre for Crop Systems Analysis, Wageningen University P.O.Box 430 6700 AK Wageningen, the Netherlands	
Areas of Expertise:		
<p>Niels heads the Crop and Weed Ecology Group in the Centre of Crop Systems Analysis at Wageningen University. His research focusses on understanding the ecological mechanisms that determine the functioning of crop ecosystems. This involves plant-plant and plant-climate and plant-nutrient interactions. He uses a combination of engineering theory, game theory and plant growth models to achieve this goal. Niels has published > 100 peer-reviewed papers (101 listed in Scopus), his H index is 30 (Scopus/WOS) and his field weighted citation score is 1.99 (Scival).</p>		
Short Description of your Institution:		
<p>Wageningen University (WU) is one of the leading life science universities in Europe, focusing on research and education in sustainable food systems, health, and quality of life. It has a staff of 3500 and more than 10000 students from over 100 different countries. It is ranked #1 in agricultural sciences and #4 in environmental sciences in the QS World University Ranking. The Centre for Crop Systems Analysis (WU-CSA) contributes to the development of high quality plant production in sustainable agro-ecosystems through research and teaching. The emphasis is on improvement and innovation of plant production at various levels of integration; from genotypes to cropping systems and production chains. The Plant Production Group (WU-PPS) integrates biological knowledge to analyse and design sustainable production systems for crops, focusing on resource use efficiency and equitable management of natural resources.</p>		
Role in the project:		
<p>My (WU-CSA) project task and that of WU colleagues van Ittersum and Reidsma from WU-PPS consists of linking variation in crop traits and environmental conditions to crop water and nutrient productivity and determine efficiency gaps.</p>		