The European BleTeach project was funded under Erasmus+ from 2015 to 2018 and pursued two main objectives: (1) Modernizing structures of teacher education by integrating digital learning opportunities into teachers’ professional development, and (2) Developing a Blended Learning Course in Content Area Literacy for Secondary Teachers to be included into the regular course programme of European Teacher Training Centres in the 6 partner countries: Belgium, Germany, Hungary, Portugal, Romania and Russia. The BleTeach project was coordinated by Prof. Garbe (University of Cologne) and built on the results of two previous Comenius-projects, BaCuLit and ISIT. (More information on the BleTeach-website: www.blend-ed.eu.) Main project results are a Blended Learning Course ready for implementation, comprising 6 modules in the English Master Version (Title: IDEAL – Improving Disciplinary LEArning through Literacy) and up to 8 modules in the national versions, and a "Handbook of Success Factors in Blended Learning Offers for Teachers' In-service Training". In our presentation, the general concept of the BleTeach course and one national variant (Portugal) will be presented.