



Economic Efficiency Assessments

of information and communications technology projects
in public administration and beyond

The German WiBe Framework -

Standard for German Public Administration



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Justifying ICT projects

Economic efficiency assessments with the German WiBe® framework

Investments in Information and Communications Technology (ICT) aim at improving the overall efficiency of the agency and enterprise. Arriving at a consensus is not always simple, and thus not surprising that assessment of economic efficiency leads to frequent discussions.

Planning and approving ICT projects requires founded, methodical calculation and documentation of pending costs and anticipated benefits - not just an examination of a project's feasibility.

Some economic effects (benefits in particular) can only be measured with difficulty monetarily, if at all. Economic efficiency assessments must carefully consider the aspects beyond the monetary effects in order to facilitate a sound decision.

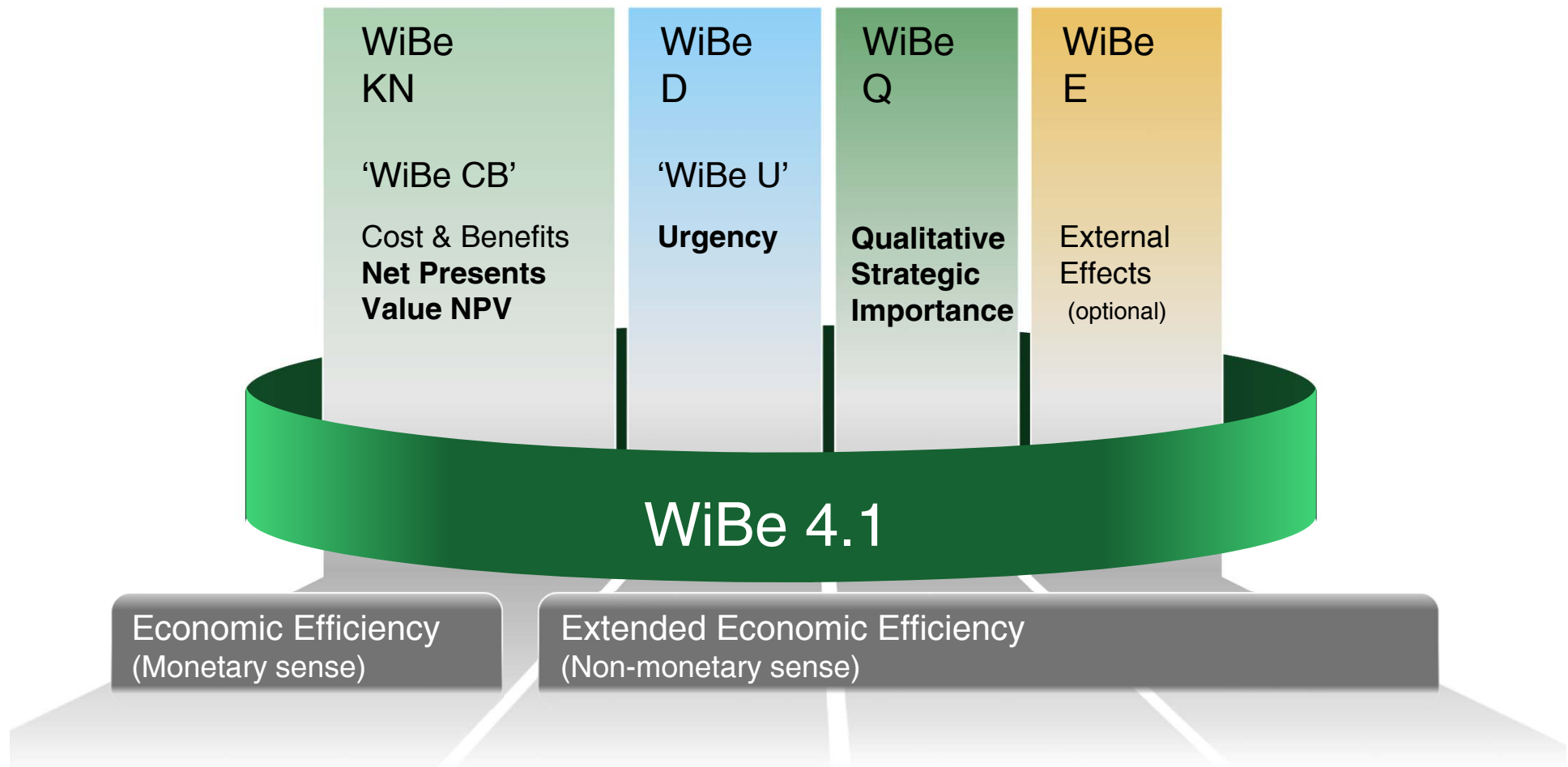
This is where the **WiBe® Framework** comes in (name is taken from *Wirtschaftlichkeits-Betrachtung*, the German term for economic efficiency assessment).

Undergoing consistent further development and refinement since first publishing in 1992, **WiBe®, one of the first frameworks worldwide to be applied for the economic efficiency assessment of ICT projects**, is widely used in administrative government and enterprises.

Today, the **WiBe 4.1** framework is the version of choice, applied widely at federal, state and municipal levels in Germany. It is now also a viable projection option for a growing number of countries within and beyond Europe.

WiBe concept at a glance

4 impact dimensions to consider



Peter Röthig | WiBe-TEAM

Peter Röthig, PhD, has been working as a consultant in the field of economic efficiency assessment, manpower needs, organizational change and project management in public administrations, banking and insurance for more than 25 years.



The **WiBe Framework** is his 'brainchild', initially developed for the German Ministry of the Interior (1992). WiBe is one of the first frameworks worldwide to be applied for the economic efficiency assessment of ICT and eGovernance projects and is widely used and well spread in administrative government.

Peter Röthig accompanied some hundred WiBe TCBO efficiency assessments related to ICT projects in Germany, other European countries and in Asia. As managing partner of WiBe-TEAM he collaborates with decision makers and project managers in public administrations on federal and state level to improve ICT based services and business processes. Current topics include Open Source and Cloud Computing projects among others.

WiBe-TEAM | assessment examples

- Statewide electronic filing solution ('one for all', German State Ministry)
- Infrastructure harmonization with cloud computing
- Office suite migration (German State Ministry)
- Migration of directory service, print- and fileserver (computer center)
- Server migration RHEL AP vs. MS Win Server 2008 R2
- Desktop migration with full vs. mixed Open Source (chemical company)
- Migration of specialized core applications for State Archives
- Replacing migration of office software (Federal Ministry of Defense)
- Replacement purchase of radio patrol cars (State Ministry of the Interior)
- Centralization of applications for environmental authorities (State Ministry)
- Providing infrastructure in different license models (media concern)
- WiBe framework and user satisfaction assessment in eGovernment
- WiBe on infrastructure migration in an University Hospital

Neutral and not platform provider dependent