

## WorkBlock 2: Population and Land use change

### Major Milestones for the full project duration



Work package	Milestone	Date* month	Description	Relevance to policy makers
WP2.1	M2.1-1	3	Statistics and data sets of past population gathered and spatially detailed/downscaled current population data sets complete using the WATCH common grid and data format.	The activities of urban and rural communities impacts on water demands and requires detailed spatial projections of population activities. This milestone will deliver detailed datasets for current populations in order to produce the spatial detail required by WATCH.
WP2.2	M2.2-1	3	Preliminary raster map of current land cover and land use available	Start to obtain maps for estimating the baseline coverage and land use.
WP2.3	M2.3-1	6	Global spatially explicit dam database.	Compilation of data on global locations of dams
WP2.1	M2.1-2	8	Development of downscaling methodologies for past and future population complete.	M2.1-2 will develop methodologies to adapt the available data to produce the spatial detail required by WATCH. This requires knowledge of population size and differences in demographic patterns, income per capita for different regions/countries, and urbanisation levels.
WP2.2	M2.2-2	9	Gridded map of current land cover.	Further developed maps for estimating the baseline coverage and land use.
WP2.1	M2.1-3	12	Downscaling of past and future population complete and data available in the common WATCH format. Report and workshop on results ready.	This milestone will deliver detailed datasets for future populations and will compile and cross-check for past populations in order to produce the spatial detail required by WATCH.
WP2.2	M2.2-3	12	Workshop on developing the current and future raster database	Workshop to further development for estimating the baseline coverage and land use
WP2.3	M2.3-2	12	Preliminary data sets of gridded present domestic water use and agricultural production	Compile data on domestic water on a global scale
WP2.2	M2.2-4	18	Preliminary raster map of the future land cover	Start to obtain detailed maps for estimating the future population coverage and land use.
WP2.3	M2.3-3	18	Preliminary gridded data sets of past and future domestic water use and agricultural water use	Develop scenarios of domestic water use of past water use as well as projected future developments.
WP2.2	M2.2-5	24	Final raster map of the future land cover available.	To obtain detailed maps for estimating the future population coverage and land use.

\* Project started 02/2007 all months are counted from this starting date

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WP2.3	M2.3-4	36	Final gridded data sets of past and future agricultural and domestic water use	Finalised scenarios will provide a picture of how agricultural and domestic water use impacts the global water cycle for past, present and future scenarios. Such maps can assist policy makers in identifying hotspots and allow local authorities to develop strategies for coping with or anticipating change.
WP2.3	M2.3-5	36	Gridded data sets of future industry and energy sector water use	Data on anticipated water use by industry and the energy sector