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| **No** | **WP** | **Sub-WP** | **Remark** | **Milestone** |
| **WP0** | **Management and coordination** | Technical management  Administrative management | Change of operating agent |  |
| **WP1** | **Interdisciplinary Education and Guidance** | Table of contents for state of the art report on quiet wind turbine technology |  |  |
| Template for catalogue/database of national wind turbine noise regulations  Associated explanatory graphic(s)  Considerations when developing WTN guidance | To be provided as online resource |  |
| Fact sheets - Key topics explained in as simple as possible language for regulators   * Amplitude Modulation * Low Frequency noise * Infrasound * Tonal Noise * Measurement technology * Noise indices and measurement   Public Engagement on Noise   * Communicating noise concepts to the lay person * Auralisation | (Task 28 collaboration) |  |
| **WP2** | **Physics of Noise** | Noise modelling   * Benchmarking of noise models * Propagation studies * Farm level and wakes | (Collaboration with MEXNEXT)  (Collaboration with WAKEBENCH?) |  |
| Quiet Wind Turbine Technologies   * Categories and classification – sources and pathways addressed * Noise emission mitigation * ?Optimisation? compromises e.g. soundscape manipulation/ customization, aerodynamic v.s tonal noise |  |  |
| Quantification/Qualification   * Consideration of physical effects & pathways - High Frequency Noise, Low Frequency Noise, Infrasound, Tonal Noise, vibration (& Vibration induced noise?) * Field experiments (TREMAC, WEA Akzeptanz etc. * Physical metrics * Field measurements * Data and findings from compliance monitoring * Field experiments by practicing acousticians * Results from field testing of Quiet Wind Turbine Technologies |  |  |
|  |  |  |
| **WP3** | **Psychology of Noise** – Psychoacoustics *(To be developed upon recruitment of participants)* | Field-based psychoacoustic surveys   * Quantifying annoyance – survey instrument design | (Collaboration with Task 28) |  |
| Laboratory based psychoacoustics | (subject to participant) |  |

**WP1 Interdisciplinary Education and Guidance**

* Table of contents for state of the art report on quiet wind turbine technology
* Template for catalogue/database of national wind turbine noise regulations
  + Explanatory Graphics
  + Issues that need to be considered in developing WTN guidance
* Fact sheets - Key topics such as explained in as simple as possible language for regulators
  + AM
  + Low Frequency noise
  + Infrasound
  + Tonal Noise
  + Measurement technology
  + Noise indices and measurement
* Public Engagement on Noise
  + Communicating noise concepts to the lay person (Task 28 cooperation)
  + Auralisation

**WP2 Wind Turbine Noise and modelling**

* Physics of Noise
  + Noise modelling
    - Benchmarking of noise models (Collaboration with MEXNEXT)
    - Propagation studies
    - Farm level and wakes (Collaboration with WAKEBENCH?)
  + Quiet Wind Turbine Technologies
    - Categories and classification – sources and pathways addressed
    - Noise emission mitigation
    - ?Optimisation? – compromises e.g. soundscape customizing aerodynamic v.s tonal noise
  + Quantification/Qualification
    - Consideration of physical effects & pathways - High Frequency Noise, Low Frequency Noise, Infrasound, Tonal Noise, vibration (& Vibration induced noise?)
    - Field experiments (TREMAC, WEA Akzeptanz etc.
      * Physical metrics
    - Field measurements
      * Data and findings from compliance monitoring
      * Field experiments by practicing acousticians
      * Results from field application of QWTT

**WP3 Psychology of Noise – Psychoacoustics (To be developed upon recruitment of participants)**

* Field-based psychoacoustic surveys (Collaboration with Task 28)
  + Quantifying annoyance – survey instrument design
* Laboratory based psychoacoustics ( subject to participant)