# Sanierung von Strassentunnel-Lüftungsanlagen (Auszug)
# Rénovation de la ventilation des tunnels routiers (extrait)
# Retrofit of road-tunnel ventilation systems (extract)
# Risanamento della ventilazione di gallerie stradali (estratto)

| Jahr<br>Année<br>Year<br>Anno | Tunnel<br>Tunnel<br>Tunnel<br>Galleria | Länge [m]<br>Length<br>Longueur<br>Lunghezza | System[1]<br>System[1]<br>Système[1]<br>Sistema[1] | Land<br>Country<br>Pays<br>Paese |
|---|---|---|---|---|
| 2026 | NEB N20 Neuchâtel; Neuchâtel - La Chaux-de-Fonds | 3200 | LL RB RW | CH |
| 2026 | NEB N29 Tunnel Solis | 1162 | LL RW | CH |
| 2025 | Engelbergbasistunnel; Leonberg | 2520 | LL RB PO | DE |
| 2025 | N5 Tunnel Witi | 1760 | LL | CH |
| 2025 | 5 Autobahntunnel: Beyschlagsiedlung, Tegel Ortskern, FH Tegel, Ortsteil Britz, Rudower Höhe; Berlin | 1713 | LL | DE |
| 2025 | N5 Tunnel Lüsslingen | 1245 | LL | CH |
| 2025 | Wattwil | 1100 | LL | CH |
| 2024 | San Bernardino | 6596 | PA | CH |
| 2024 | Stadttunnel Freiburg | 2731 | LL | DE |
| 2024 | Tunnel Kirchenwald; Stans | 1600 | LL PA RB | CH |
| 2024 | B 105 Warnowtunnel; Rostock | 790 | LL | DE |
| 2024 | Tunnel Hemelingen; Bremen | 593 | LL RW | DE |
| 2024 | Tingstadstunneln | 454 | LL | SE |
| 2023 | N2 Tunnel Arisdorf | 1401 | LL | CH |
| 2023 | Rombachtunnel; Aalen | 870 | LL | DE |
| 2023 | Altstadtringtunnel; München | 609 | LL | DE |
| 2022 | Tunnel Leuze, Berger, Schwanenplatz; Stuttgart | Netzwerk | LL | DE |
| 2022 | Wesertunnel; Nordenham | 1645 | LL | DE |
| 2022 | Josef-Deimer-Tunnel; Landshut | 1613 | HQ PA RB RW | DE |
| 2021 | Ligerz-Twann | 3980 | HQ RB | CH |
| 2021 | Tunnel Heslach; Stuttgart | 2271 | LL RB | DE |
| 2021 | Kappelbergtunnel; Fellbach | 1560 | LL | DE |
| 2021 | Brudermühltunnel; München | 840 | LL | DE |
| 2021 | Tunnel Wiener Platz; Dresden | 450 | LL | DE |
| 2020 | Tunnel de Vernier | 1900 | LL | CH |
| 2020 | Heidkopftunnel; Uder | 1724 | LL | DE |
| 2020 | Tunnel de Confignon | 1466 | LL | CH |
| 2020 | Tunnel Schlossberg | 426 | LL | DE |
| 2019 | Köhlbrandtunnel; Hamburg | 2400 | LL RB AB | DE |
| 2019 | Rheinufertunnel; Düsseldorf | 1931 | LL RB PA | DE |
| 2019 | Tunnel Albstadt Laufen | 540 | LL | DE |
| 2019 | Tunnel Waldschlösschenbrücke | 409 | LL | DE |
| 2019 | Tunnel Neckartailfingen | 250 | LL | DE |
| 2018 | Wallringtunnel; Hamburg | 550 | NL | DE |
| 2016 | Rheinalleetunnel; Düsseldorf | 900 | LL | DE |
| 2015 | Kaisermühlentunnel | 2200 | LL | AT |
| 2015 | Les Vignes | 2200 | LL | CH |
| 2015 | Tannerberg-Fäsenstaub | 1600 | LL | CH |
| 2015 | Cholfirst (Flurlingen) | 1500 | LL | CH |
| 2015 | Tunnel du Chat | 1470 | HQ RB | FR |
| 2015 | Combettes | 1200 | LL | CH |

[1] Erläuterung der Abkürzungen auf der letzten Seite
[1] Explanation of the abbreviations on the last page
[1] Explication des abréviations sur la dernière page
[1] Spiegazione delle abbreviazioni nell'ultima pagina

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|---|---|---|---|---|
| 2015 | Mositunnel | 1138 | LL | CH |
| 2015 | Tunnel Allmend | 950 | LL | CH |
| 2015 | Tunnel Eich | 854 | LL | CH |
| 2015 | Rugentunnel | 786 | LL | CH |
| 2015 | Rathausen | 700 | LL | CH |
| 2015 | Trappentreutunnel | 522 | LL | DE |
| 2014 | A13 Bärenburg | 1031 | LL | CH |
| 2014 | Emstunnel; Leer | 945 | LL | DE |
| 2014 | Tunnel Viamala | 760 | LL | CH |
| 2014 | A70 Tunnel Schwarzer Berg | 730 | LL | DE |
| 2014 | A81 Schönbuchtunnel | 600 | LL | DE |
| 2014 | Tunnel Bismarckring; Ulm | 500 | NL | DE |
| 2014 | Tunnel Apollo; Bad Bertrich | 438 | NL | DE |
| 2013 | Tunnel Mont Terri | 4068 | HQ RB PA | CH |
| 2013 | Tunnel Mont Russelin | 3563 | HQ RB | CH |
| 2013 | Wattkopftunnel | 1950 | HQ RB | DE |
| 2013 | Petuel Tunnel; München | 1550 | LL PO | DE |
| 2013 | Tunnel Glion | 1342 | LL | CH |
| 2013 | Reutherberg; Wolfach | 1257 | HQ RB | DE |
| 2013 | Ursulabergtunnel; Pfullingen | 1180 | LL | DE |
| 2013 | Hugenwaldtunnel; Waldkirch | 1109 | LL PA | DE |
| 2013 | Wilhelminentunnel; Darmstadt | 540 | LL | DE |
| 2013 | Krohnstiegtunnel; Hamburg | 419 | NL | DE |
| 2012 | Chüebalm | 1322 / 3400 | LL | CH |
| 2012 | Seelisbergtunnel | 9250 | QL RB | CH |
| 2012 | Traversée de Neuchâtel | 3900 | HQ RB PA PO | CH |
| 2012 | Giessbach | 3400 | HQ RB | CH |
| 2012 | Elbtunnel 1.-3. Röhre | 2653 | QL RB | DE |
| 2012 | B 14 Kappelbergtunnel; Fellbach | 1560 | LL | DE |
| 2012 | Sengg | 825 | LL | CH |
| 2012 | Agnesburgtunnel; Westhausen | 707 | LL | DE |
| 2012 | Stutzegg Tunnel | 320 | LL | CH |
| 2011 | Tunnel Ligerz | 2580 | HQ RB | CH |
| 2011 | Crapteig | 2171 | HQ RB | CH |
| 2011 | Piumogna N2 | 1600 | LL | CH |
| 2011 | Monte Piottino N2 | 917 | LL | CH |
| 2011 | Tunnel Chlus | 852 | LL | CH |
| 2011 | Oberdollendorf; Bonn | 630 | -- | DE |
| 2011 | Heilsbergtunnel; Singen | 483 | LL | DE |
| 2011 | Tunnel Kostenfels; Annweiler | 304 | NL | DE |
| 2010 | Tunnel Landwasser | 3500 | LL | CH |
| 2010 | Isla Bella | 2300 | LL RB | CH |
| 2010 | Tunnel Kirchberg | 1840 | LL RB | DE |
| 2010 | Galeria San Salvatore | 1730 | LL | CH |
| 2010 | Cassanawald | 1235 | LL | CH |
| 2010 | Galerie Schweizerhalle | 1060 | LL PA | CH |
| 2010 | Staufer; Annweiler | 1038 | LL | DE |
| 2010 | Löwenherz; Annweiler | 900 | LL | DE |

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|---|---|---|---|---|
| 2010 | Wagenburg-Rettungsstollen | 824 | RW | DE |
| 2010 | Barbarossa; Annweiler | 791 | LL | DE |
| 2010 | Ditschhardt-Tunnel; Altenahr | 565 | LL | DE |
| 2009 | A14xA86; Paris | Netzwerk | QL RB | FR |
| 2009 | Tunnelgruppe Brusei | 2249 | LL | CH |
| 2009 | Tunnel Leutenbach | 1080 | LL | DE |
| 2009 | Hohentwiel | 833 | LL | DE |
| 2009 | Kulmtunnel | 640 | NL | CH |
| 2009 | Biedersteiner Tunnel | 305 | NL | DE |
| 2008 | Tunnel de la Croix Rousse | 1800 | LL RB | FR |
| 2008 | Pardorea N2 | 873 | LL | CH |
| 2007 | Belchentunnel | 3180 | RB HQ PO | CH |
| 2006 | Saukopftunnel | 2715 | HQ RB | DE |
| 2006 | Loppertunnel | 1500 | LL PA | CH |
| 2006 | Rastatt | 1020 | LL | DE |
| 2006 | Menkhauser Berg | 492 | LL | DE |
| 2006 | Diana | 222 | NL | DE |
| 2005 | Gernsbach | 1527 | HQ RB | DE |
| 2004 | Hörnchenberg | 536 | -- | DE |
| 2004 | Planie | 430 | LL | DE |
| 2003 | Amberg | 2980 | LL | AT |
| 2003 | Wagenburgtunnel | 824 | QL | DE |
| 2002 | Mont-Blanc | 11600 | HQ RB AB PO | FR/IT |
| 2002 | Rofla | 1018 | LL | CH |
| 2001 | Vue-des-Alpes | 3200 | HQ RB | CH |
| 2001 | Mont-Sagne | 1600 | HQ RB PA | CH |
| 2000 | Tunnel du Saint-Esprit | 800 | QL | LU |
| 2000 | Schöneichtunnel | 700 | HQ RB | CH |
| 1999 | Reinach | 600 | LL | CH |
| 1998 | Linterfluh | 640 | -- | CH |
| 1995 | Solis | 1142 | LL | CH |
| 1995 | Rongellen II | 625 | LL | CH |
| 1995 | Schänzli | 533 | LL | CH |
| 1993 | Brünnen | 510 | LL | CH |

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| Abkürzungen<br>Abréviations<br>Abbreviation<br>Abbreviazioni | Deutsch | English | Français | Italiano |
|---|---|---|---|---|
| -- | Weder Lüftungs- noch Brandbekämpfungssystem | Neither ventilation nor fixed fire-fighting system | Ni ventilation ni système fixe de lutte contre l'incendie | Né ventilazione né sistema antincendio fisso |
| AB | Automatische Brandbekämpfungsanlage (Wassernebel, Sprinkler) | Fixed fire-fighting system (water mist, sprinkler) | Système fixe de lutte contre l'incendie (brouillard d'eau, arrosage) | Sistema antincendio fisso (nebbia d'acqua, sprinkler) |
| FA | Luftfilteranlage | Air-filtration system | Système de filtration d'air | Sistema di filtraggio dell'aria |
| HQ | Halbquerlüftung | Semi-transversal ventilation | Ventilation semi-transversale | Ventilazione semi-trasversale |
| LL | Längslüftung | Longitudinal ventilation | Ventilation longitudinale | ventilazione longitudinale |
| NL | Natürliche Lüftung | Natural ventilation | Ventilation naturelle | Ventilazione naturale |
| PA | Punktuelle Absaugung | Point extraction | Extraction ponctuelle | Estrazione puntuale |
| PO | Portalluftabsaugung | Portal-air extraction | Extraction de l'air au portale | Estrazione dell'aria al portale |
| PZ | Punktuelle Zuluft | Punctual fresh-air supply | Alimentation d'air frais ponctuelle | Alimentazione d'aria fresca |
| QL | Querlüftung | Transversal ventilation | Ventilation transversale | Ventilazione trasversale |
| RB | Rauchabsaugung am Brandort | Smoke extraction at the location of the fire | Extraction de fumée sur le lieu de l'incendie | Estrazione del fumo sul luogo dell'incendio |
| RL | Heizung, Lüftung und Klima von Zentralen | Heating, ventilation and air conditioning of technical rooms (HVAC) | Chauffage, ventilation et climatisation des locaux techniques | Riscaldamento, ventilazione e aria condizionata dei locali tecnici |
| RW | Rettungswegbelüftung und/oder Überdruckbelüftung bzw. Lüftung von unterirdischen Anlagen//Stollenbelüftung | Escape route ventilation and/or over pressurisation resp. ventilation of underground structures | Ventilation et/ou surpression des galeries de sécurité resp. ventilation des ouvrages souterrains | Ventilazione e/o sovrapressione di via di fuga resp. ventilazione di strutture sotterranee |
| TL | Temporäre Lüftung: Baulüftung, Bewetterung, Kühlung, mobile Lüfter | Temporary ventilation: construction site ventilation and/or cooling, mobile fans | Ventilation temporaire : ventilation et/ou refroidissement de chantier, ventilateurs mobiles | Ventilazione temporanea: ventilazione e/o raffreddamento di cantieri, ventilatori mobili |
| VA | Varianten | Variants | Variantes | Varianti |