



S SOLIBRI ADVICE

Top 10 takeaways for doing good BIM

SOLIBRI
A NEMETSCHek COMPANY

1. **Be data-centric – Demand BIM from all suppliers in your project**

“Data is the new oil”. This also applies to the BIM working method. Particular attention is paid to the “I” in BIM. It stands for the information content, which is essential for working with BIM models. This information content should be correct, as it serves as a “single source of truth” for all project participants, so that they always receive the relevant information at the right time.

2. **Enforce good data with embedded checking processes**

Make sure your projects are following specific BIM guidelines that the quality can be checked against. This allows you to reduce repetitive manual work and automate processes like quality assurance which is crucial in order to extend the automation further to e.g., quantity/information takeoff.

3. **Look for wins in data interoperability**

Use OpenBIM standards to maximize interoperability and to future-proof project deliverables. OpenBIM standards, like IFC (industrial foundation classes) and BCF (BIM Collaboration Format), an issue exchange format, will give you the freedom to choose the right tools for the right job.

4. **Challenge your team to use BIM to lower the bottom line/ ROI in all projects**

Invest in BIM work methodology and thus in good planning implementation. Focusing on quality design will save you time and costs during construction and maintenance. Keep in mind that early design decisions have the biggest impact on the building life cycle cost.

5. **Question where you can improve sustainability through good building processes**

Based on a recent worldwide study (Engineering-News record), about ~10% of construction materials end up in waste and ~30% is rework. Focusing on a good building process, which can only be achieved through professional quality control and assurance, will not just improve sustainability but also time and money.

6. **Workflow is king – ask if your team has a unified and clarified workflow to share**

Sharing is caring, prevent your team from siloing and pool their knowledge by creating BIM-based quality processes that can be used over and over again. Also, encourage collaboration between different stakeholders to have a common goal.

7. Plan ahead – create a digital delivery framework – invest now in technology to be ready for the future

Be part of the construction industry also in the future and win more projects now and in the future by using the technologies available.

8. Encourage customers to demand good data to help you deliver for them

Explain and show the value and possibilities of BIM to your customers.

9. Employ the next generation of digital natives in our industry

As the saying “Old dogs can’t learn new tricks” is not necessarily always accurate, employing the next generation of digital natives and combining the know-how of both generations will bring out the best of both.

10. Call Solibri to help you on this journey

With Solibri you can structure the BIM data, perform rule-based checks of the BIM data, generate an issue workflow, and do QTO (Quantity Take Offs) of the BIM data. You can contact Solibri here <https://www.solibri.com/contact> or book your customised session here <https://www.solibri.com/contact-page>