



About Us

Koosha Management Company has been active in large and successful projects with the experience and background of its managers in the fields of project management and construction. Based on the capabilities and experiences of the leaders and senior managers of the organization, the executive structure of the company has been formed in the fields of project management, construction management and new technologies in the construction industry.

Today, the increase in complexity in organizations due to the multiplicity and variety of projects has led to poor quality in execution, scheduling, resource allocation and lack of integrated management. Also, common understanding of the dimensions and details of a construction project between contractors and employers is one of the existing challenges of construction projects. Therefore, the implementation of

integrated management and targeted control of projects has become the main concern of senior managers in project-oriented organizations. The Project Management Office, as a capable unit, provides strategic and innovative solutions to organizations and projects in an online platform by compiling the exclusive and practical KPMM methodology to reduce costs by up to 20% in the project budget and schedule. And also significantly increase productivity.

Better achievement of strategic goals and project goals, saving resources, documenting organizational knowledge and experience, increasing the knowledge and expertise of the project management team, achieving a higher level of stakeholder satisfaction, and increasing the maturity and organizational culture for better management and implementation of projects, among other benefits. The use of project management services is diligent.

KPMM

Using its knowledge and experience in the field of project management and construction industry, Koosha Management Company has formulated and defined the methodology. This methodology was developed with a special look at the P.express methodology and a combination of PMBOK and PRINCE2 standards. In the development of this method, the following standards are considered:

ISO9001-2015, ISO45001-2018, ISO31000-2015, ISO14001-2015 and...

One of the features of KPMM methodology is its ease of use for project managers.

The application scope of this methodology is in the field of construction project management and for small, medium and large projects.

This methodology is that it includes all the processes of planning, implementation, control and monitoring before the start of the project, during and after the completion of the project.

KPMM

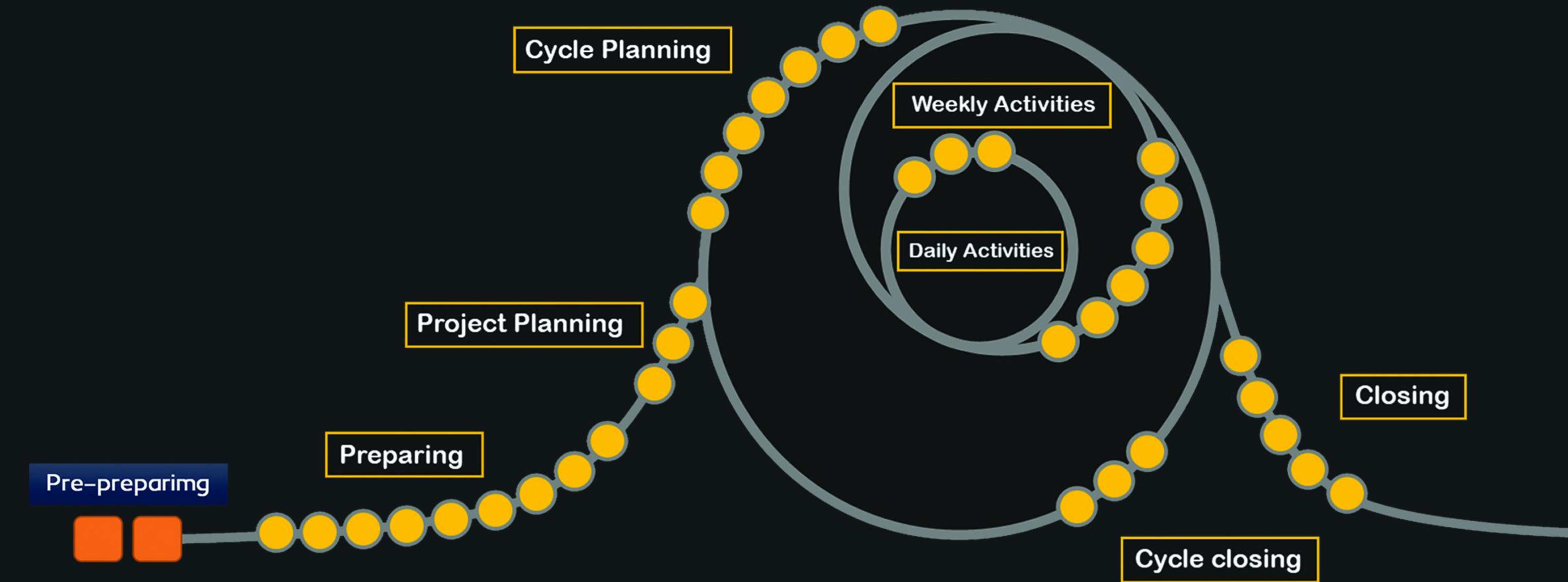
Using the knowledge and experience of its specialists in the field of project management and construction, Koosha Management Company is able to implement project management based on the KPMM model in construction projects using an online platform effectively and functionally.

Advantages of the methodology:

Better achievement of strategic goals and project goals, saving resources, documenting organizational knowledge and experience, increasing the knowledge and expertise of the project management team, achieving a higher level of stakeholder satisfaction, and increasing maturity and organizational culture for better project management and implementation, the benefits of using Koosha Project Management services.

Other advantages of using the project management method include the following :

- Integrated and process
- Oriented project management by using BIM, AR, VR, AI
- Creating productivity and optimal use of resources
- Significant reduction of project problems, changes and risks
- Online control and monitoring STCQRR (Scope, Time, Cost, Quality, Resources, Risks)
- 15% cost reduction and project time reduction
- Reduction of construction time and 30% reduction of project backlog time





BIM

Building Information Modeling (BIM) is the foundation of digital transformation in the architecture, engineering, and construction (AEC) industry. BIM is a huge development in the field of construction and its purpose is to ensure the creation of completely flawless patterns and structures through an effective information management system. Because building information modeling has a correct database, the employer can use this correct information during the operation phase. In fact, it helps a lot to have projects certified. This is a problem while blueprints are being prepared for existing projects, but these blueprints have not been used before and have not been able to provide correct information to the employer so far. Building information modeling with the help of timely project management and planning will have an effective role in reducing costs, increasing quality and basic scheduling of projects.

Among the advantages of using BIM in construction projects, the following can be mentioned:

- Preparation of digital 3D model containing structure, architecture and facilities information
- Adapting the maps of different systems in the building in different phases of the building
- Preparation of BEP executive plan and BIM implementation
- Optimizing the passageways of different parts of the facility
- Checking and controlling the situation
- Preparation of 3D digital model of interior and exterior design
- Quantity take off & estimation meter
- Presentation of executive shop drawings
- Project control in terms of schedule (integration of the schedule in the 3D model)
- WBS breakdown structure and resource leveling



Augmented Reality

One of the most effective technologies in reducing operation and maintenance costs and construction project overhead costs is augmented reality technology. This technology allows the user to observe and check everything that will be built in a real way and in a one-to-one scale. In fact, augmented reality technology intelligently recognizes the environment and reveals all the shortcomings of the project to the user. Thus, augmented reality in construction projects is the best tool in project monitoring. In addition, one of the most important platforms for monitoring utility systems is a platform integrated with augmented reality technology. In this platform, it will be possible to view, monitor and control the installation files designed by the employer.





After receiving the facility view model from the contractor's view team, this product is taken for each scope according to the file size of an Android augmented reality output. By using this platform, the installation elements behind the wall, ceiling and floor for maintenance and control, as well as the control of the installation elements designed by the contractor and comparing them according to the execution plans, can be checked in general, and if an item is forgotten, it can be checked. Observed and reported it.

Augmented reality practically provides the user with all the complex processes of assessment and maintenance in the simplest possible way. The advantages of using augmented reality in construction projects can be mentioned as follows:

- Observing, monitoring and controlling the facilities implemented by the contractor and comparing with the plans
- Complete and accurate monitoring of project disciplines
- Viewing the architectural phases of the project
- Setting alarms on all components and parts in the project
- Finding the exact location of installation elements for maintenance
- Significant reduction of maintenance costs in the long term
- Maximum time savings
- Significant savings in construction overhead costs
- No need for highly specialized personnel in monitoring and maintenance units

Virtual Reality (VR)

A common view of the dimensions and details of a construction project between contractors and employers is one of the existing challenges. Virtual reality makes it possible for employers or contractors to enter the project interactively before starting the construction process, and during the design process, and have access to all components. With the use of this technology, all the details of the project are determined, as well as those that are more important for the parties, are checked with great care. In addition, virtual reality technology allows the user to interactively enter the project environment and change the decoration. In this way, he will have a correct understanding of the implementation process of the project. In general, the following can be listed as the benefits of using virtual reality technology in construction projects:

- Evaluation of the project and determination of work points with the ability to interact with the user



- A virtual tour of the project's infrastructure based on the specific maintenance construction
- Determination of advertising strategy
- virtual tour
- Setting up tourism tour platforms
- Designing and launching therapeutic tourist platforms with user interaction with the environment
- Moving through the project point by point
- Viewing different project alternatives
- View different disciplines and project infrastructure
- Viewing the project schedule and construction stages
- Virtual user navigation in the project
- View different alternatives of the project and change in the moment in an unlimited way
- Light changes and setting the position of the sun project
- Changing the internal decoration of the project
- Viewing project infrastructures and interacting with them, this service is open source and any functionality can be added to the client's request.
- Viewing the project schedule and construction stages

Real Estate

Marketing in construction fields is one of the most important issues in attracting capital for construction projects in terms of investment limitations. Smart real estate sales and trading systems have been used by leading companies. Tim Koosha's real estate transaction system is interactive, three-dimensional and flexible with all kinds of customer tastes. In fact, this platform provides the best choice for customers in the fastest possible time and saves money and time significantly.

In this platform, in addition to choosing the desired property, the user can enter the environment of the selected property and check all the details and interior decoration, even the position of the sun at different times of the day can be observed, and thus with a full view. Make a purchase without visiting the pro





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