



***New Construction Sequencing Method for High-Rise Buildings  
Eliminating Temporary Equipment On-Site.  
Accelerating Delivery.***

**BUILD ANY BUILDING INCLUDING  
CARPARKS AND TIMBER BUILDINGS  
HALF THE TIME - HALF THE COST**



**SCAN QR CODE TO  
WATCH THE  
FAÇADE1<sup>ST</sup>  
CONSTRUCTION  
METHOD  
IN ACTION**

# Patented Worldwide Methodology Engineered for Global Application

**Permanent**  
Perimeter Module  
lifted into position

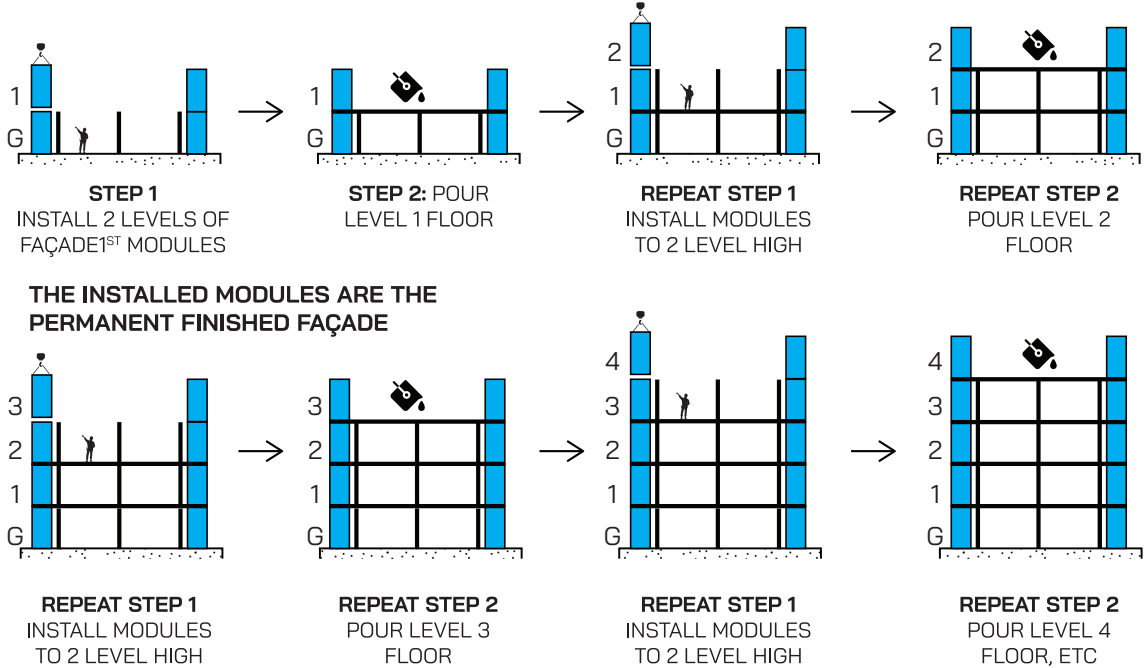
**Permanent**  
Perimeter Module  
2 floors above  
uppermost floor

**Permanent**  
Perimeter Module  
1 floor above  
uppermost floor

**Permanent**  
Perimeter Module  
prefabricated off-site  
unlimited designs, size  
and configuration

*see it in action*

**façade1<sup>st</sup>**  
eliminates scaffolding, screens,  
and handrails—accelerating construction  
while reducing risk and increasing safety.





## Executive Summary

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### façade1st - Safer Faster Construction Methodology

façade1st is a construction methodology that changes the **sequence** of how façades are installed on high-rise buildings. Instead of waiting until structure is complete, façade1st enables the installation of façade modules **two floors ahead** of the structure - effectively eliminating the need for scaffolding, perimeter screens, and handrails.

It doesn't change **what** you build — only **when** you build it.

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### Why It Matters

**Faster** Enables parallel façade and structure workflows, reducing program duration.

**Safer** Built-in edge protection reduces reliance on temporary systems.

**More Economical** No scaffolding, No screens, No Handrails = cost efficiency.

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### Current Status

Façade1st is a construction methodology with patents filed across 52 countries, designed to work with existing modular façade and structural systems. It is **ready now** for acquisition, licensing or live project application.

- **Acquisition** of the methodology/IP
  - **Licensing** to qualified developers/builders
  - **Strategic collaboration** to take it to project stage
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This is a strategic opportunity to lead a construction shift that delivers speed, safety, productivity and simplicity - using existing systems.

To discuss acquisition terms, licensing scope, or collaboration options, please contact **John Preston** - john@prestonaustralia.com | +61 2 9748 4677

## façadel<sup>1st</sup> vs Traditional Construction Method

| Category                      | Traditional Method                                                                                                                                                    | façadel <sup>1st</sup> Method                                                                                                                                                                              |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Labour &amp; Logistics</b> | <ul style="list-style-type: none"> <li>• <b>On-site assembly</b> of loose materials</li> <li>• <b>100+</b> workers</li> <li>• high on-site storage</li> </ul>         | <ul style="list-style-type: none"> <li>• façadel<sup>1st</sup> Modules <b>preassembled off-site</b></li> <li>• <b>70% fewer workers</b></li> <li>• NO STORAGE</li> </ul>                                   |
| <b>Time &amp; Risk</b>        | <ul style="list-style-type: none"> <li>• Heavy weather impact <b>frequent</b> delays and stoppages</li> </ul>                                                         | <ul style="list-style-type: none"> <li>• Weather delays <b>reduced</b> by up to <b>50%</b></li> <li>• <b>delays</b> cut by <b>60%</b></li> </ul>                                                           |
| <b>Cost Efficiency</b>        | <ul style="list-style-type: none"> <li>• High crane use</li> <li>• high prelims</li> <li>• large temporary equipment footprint</li> <li>• low productivity</li> </ul> | <ul style="list-style-type: none"> <li>• <b>Crane</b> use cut by up to <b>70%</b></li> <li>• fewer prelims</li> <li>• screens/scaffold-handrails <b>eliminated</b></li> <li>• high productivity</li> </ul> |
| <b>Financial Impact</b>       | <ul style="list-style-type: none"> <li>• Long design settlement cycle increases holding and construction cost</li> </ul>                                              | <ul style="list-style-type: none"> <li>• Program shortened, by up to <b>50%</b> lowering holding costs</li> <li>• <b>Project cost</b> reduced by up to <b>40%</b></li> </ul>                               |

**SAFER - FASTER - CHEAPER**

Method of Construction

FOR ALL BUILDINGS including

**CARPARKS AND TIMBER BUILDINGS**

# How façade1st Works

## Traditional Method

- Pour slab
- Build structure
- Add perimeter protection (screens/scaffold/handrails/etc)
- Install façade from behind edge protection

## façade1st Method

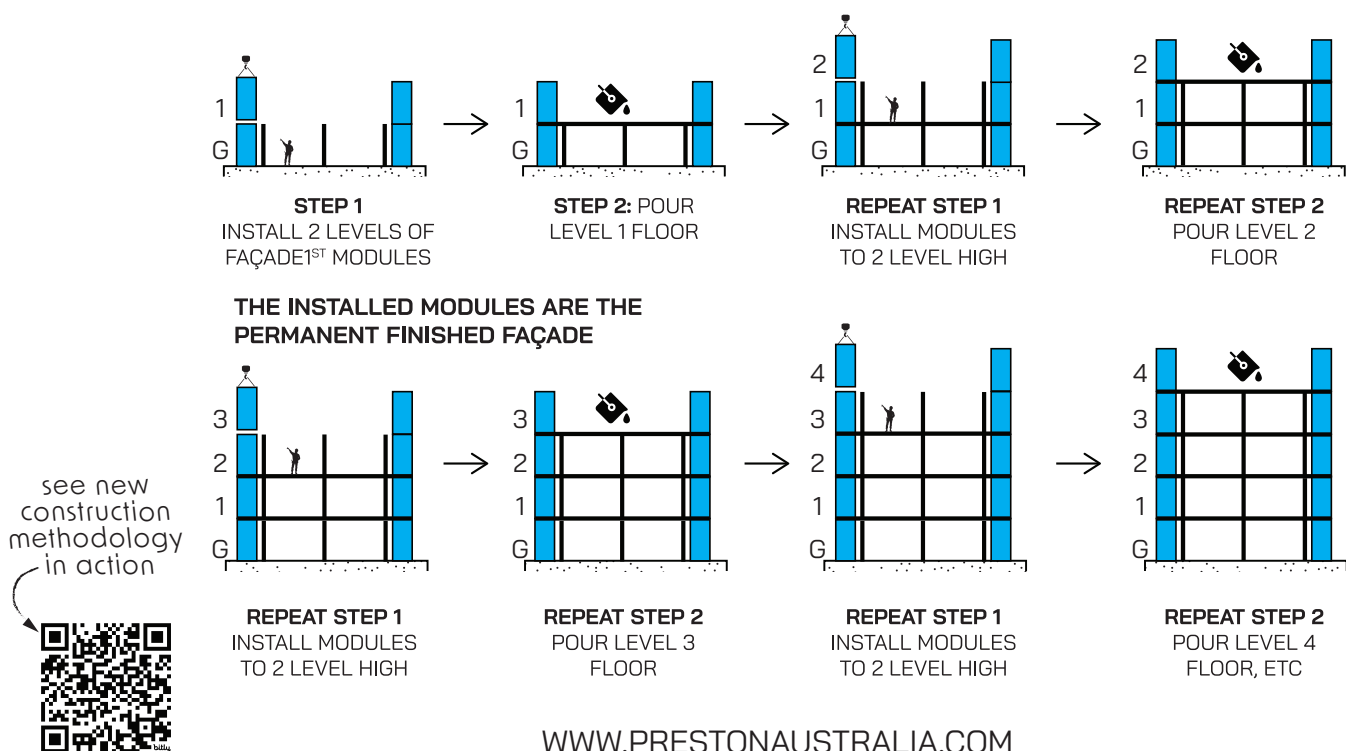
- Pre-install permanent façade modules two levels ahead of uppermost floor
- Façade1st modules provide built-in edge protection and finished façade
- Pour slab, repeat steps 1 & 2 below until the building reaches full height

## Result & Reduced Cost

- No scaffolding or climbing screens required
- No handrails or temporary equipment
- Permanent finished façade and structure built in unison
- Safer site with fewer cycles, less equipment, and reduced on-site labour
- Lower logistics requirements with no on-site storage

## Advantages & Benefits

- Every Façade1st module is manufactured from waterproof materials and safeguarded against damage, ensuring reliability from factory to site
- Modules connect using permanent click-in systems, delivering accuracy and durability.
- Safer, faster, more economical and smarter delivery



# Core Design Principles

## 1 Standardised Modular Design (SMD)

- Modules designed once, used repeatedly across multiple buildings.
  - **Eliminates repetitive architect and engineer costs** from project to project
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## 2 Flexible External Expression

- For developments comprising multiple buildings, external module aesthetics (colours, materials, façade articulation) easily customised.
  - Engineering integrity and underlying design remains unchanged, ensuring cost savings and visual diversity simultaneously.
- 

## 3 Adaptable for Custom or Luxury Projects

- Façadel<sup>1st</sup> can support luxury or unique developments through custom external treatments while preserving the standardised engineering method.
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## 4 Broad Market Applicability

**Façadel<sup>1st</sup>** suitable for all building types:

- Low-rise, mid-rise, high-rise residential apartments
  - Build-to-rent (BTR), student accommodation, affordable and government housing
  - Education, commercial office spaces, hotels, hospitals, **carparks**
  - CLT timber buildings
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## 5 Factory-Assembled Modules

- **Modules assembled off-site** in a controlled factory environment
  - Delivered to site installation-ready, lifted directly from truck to position on building, cutting weather-related delays significantly.
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## 6 Clear Safety and Productivity Benefits

**Safer sites:** Modules provide built-in edge protection from day one.

**Productivity increase:** Parallel sequencing of structure and façade

**Substantially reduces site duration, labour** requirements, and **cost**.

# Does it Really Work?

**Yes - because it doesn't change the products. Just the process and method of construction.**

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## Nothing New - Just Smarter Sequencing and Method

**façade1st doesn't change the façade system.**

It uses existing systems and products - already certified, already engineered

The only change?

**They're installed two levels earlier** - ahead of structure, not behind scaffold, screens, handrails

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## Proven Sequencing Logic

- **Jumpstart Cores** - used to advance lift shafts ahead of slabs
- **Vertical pods** - bathrooms and risers dropped in before slabs
- **Façade1st** is the next logical step: the building envelope leads, not follow

These methods are now standard practice, and Façade1st follows the same path. Once engineered, the system becomes scalable and **repeatable** across projects. We call this **Standardised Modular Design (SMD)**. The structural and installation logic remain constant, while modules, materials and layouts can adapt to suit each site and architectural intent.

**Think of it like Lego.** Each module does a job — window, corner, solid panel. You move them around, change the finish, flip the layout. Same modules, new combinations, new look.

**Limited only by your imagination**

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## Engineering Support Is Lined Up

- Recognised consulting engineers validate the design as straightforward and practical.
  - **SMD eliminates** the need for further architectural and engineering input, saving time and cost.
  - Once designed, no additional façade products need to be developed
  - R&D will create new improvements and designs
- 

## No Change to Compliance

- **façade1st is a methodology**
  - façade1st doesn't require new materials (we use existing proven engineered products and suppliers)
  - Uses existing fixing systems and safety logic - just sequenced earlier
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**If we trust jumpstart slabs and prefabricated risers, we can trust this - it's just the façade's turn.**

# Global Commercialisation Opportunities

## 1 Licensing & Consultancy Business Opportunities

façadel<sup>st</sup> can be monetised through multiple, low-capital business models:

- Licence the methodology to developers, builders, engineers, or architects
- Provide specialist consulting and on-site advisory services
- Manufacture and supply pre-engineered façadedel<sup>st</sup> modules
- Offer design support, connection advice, and installation training
- Opportunities to address the global housing crisis and support reconstruction in war-affected regions such as Ukraine, Gaza, and others.

Licensing value comes from more than just the method. The real upside is in the certainty: repeatable design, proven install logic, and reduced reliance on custom engineering or consultant input.

## 2 Patent Portfolio & IP Protection

The IP package includes:

- **Patents filed in key territories — 52 countries (full list available)**
- Methodology-based IP that is hard to replicate and easy to enforce
- Divisional and improvement patents in progress as R&D advances
- All supporting documents, visuals, and technical documentation
- Optional: Access to a manufacturing facility for module production

## 3 Acquisition Models

Flexible options available depending on strategic goals:

- Full acquisition of global IP and method rights
- Territory-specific purchase (AU, region, or global)
- Collaboration to co-develop and deploy façadedel in live projects

façadel<sup>st</sup> offers the chance to lead a global shift in construction sequencing. This is a practical, patent-protected methodology with real global commercial upside.

To discuss acquisition terms, licensing scope, or collaboration options, please contact our managing director **John Preston** - [john@prestonaustralia.com](mailto:john@prestonaustralia.com)



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# First Mover Advantage

If you wait for someone else to do it first, you miss the opportunity to own it

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## The Industry Is Stuck

- For 100+ years, façades have been installed last - behind scaffolds and safety equipment
  - Everyone knows it's inefficient - but no one wants to be the first to change it
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## Lead Now - The Future is façade1st

- façade1st is backed by a global portfolio of filed patents, engineered in principle, and **ready to implement**
  - Once it's built, competitors will follow and accept façade1st methodology
  - **First mover secures the cost and time edge** across future projects
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## A Shift Only the Next Generation Will Drive

- The next wave of smart builders aren't tied to "how it's always been done"
- They're focused on modular, repeatable, clean delivery with stronger returns (ROI)
- façade1st fits that mindset and pushes further: low risk, high control, smart sequencing

With façade1st on a live site, we can build real licensing value. Not just a method, but a system that's trusted, engineered, and ready to be repeated. That's what makes it licensable - not just the IP, but the certainty behind it.

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## Like Preston SuperDeck, But for Sequence

- SuperDeck started as a site-based builder method - now a global standard
  - façade1st is the same kind of opportunity: builder's IP that grows into an industry platform
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**You don't gain the lead by watching - you gain it by building first  
If you can see the future, you'll see it's façade1st**

# Return on Investment (ROI)



**façade1st delivers global ROI — through cost savings, speed, R&D incentives, and licensing potential — backed by plans to establish consultancy hubs in major cities worldwide**

## 1 Immediate Project Value

- Reduces build time and program
- Eliminates scaffolding, screens, handrails and temporary equipment
- Faster settlements → lower holding costs
- Shorter overall project duration: design, documentation, and approvals are resolved up front and re-used across jobs

## 2 R&D Tax Incentives

Eligible for Australian and global R&D tax deductions via:

- Advancements in engineering — from 2-storey builds to full-scale towers and **carparks**
- Enhancements to modules, connections, and structural systems (with additional patents)
- Continuous engineering innovation (with additional improvement patents)

## 3 Licensing and Consultancy — A Global Revenue Stream

- License the methodology to developers and builders worldwide
- Potential licence fees of **\$1M+ per building**
- Additional income from consulting, training, and global support

## 4 Strategic Upside

- Suited for modular high-rise, infill, and vertical communities
- Fast-response deployment in disaster zones or housing crisis regions
- Applicable across residential, commercial, and institutional sectors

façade1st **transforms** the approach to construction not by complicating it, but by **simplifying** it.

**Simple is scalable.  
Sequence is the edge.  
And façade1st is ready to lead.**

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